

# SCORE Search Results Details for Application 10001938 and Search Result us-10-001-938-1.

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This page gives you Search Results detail for the Application 10001938 and Search Result us-10-001-938-1.

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GenCore version 5.1.9  
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OM protein - protein search, using sw model

Run on: June 2, 2006, 19:12:07 ; Search time 12.7 Seconds  
(without alignments)  
103.383 Million cell updates/sec

Title: US-10-001-938-1  
Perfect score: 76  
Sequence: 1 QDYIEILGVSKTAE 15

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 650591 seqs, 87530628 residues

Total number of hits satisfying chosen parameters: 650591

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 1000 summaries

Database : Issued\_Patents\_AA:\*  
1: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/5\_COMB.pep:\*  
2: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/6\_COMB.pep:\*  
3: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/7\_COMB.pep:\*  
4: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/H\_COMB.pep:\*  
5: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/PCTUS\_COMB.pep:\*  
6: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/RE\_COMB.pep:\*  
7: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/backfiles1.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	%		DB	ID	Description
		Query Match	Length			
1	76	100.0	131	2	US-09-553-498-4	Sequence 4, Appli
2	76	100.0	131	2	US-09-618-869-4	Sequence 4, Appli

3	76	100.0	380	2	US-09-489-039A-9011	Sequence 9011, Ap
4	76	100.0	399	2	US-09-553-498-2	Sequence 2, Appli
5	76	100.0	399	2	US-09-618-869-2	Sequence 2, Appli
6	63	82.9	375	2	US-09-328-352-4984	Sequence 4984, Ap
7	61	80.3	380	2	US-09-543-681A-5912	Sequence 5912, Ap
8	60	78.9	87	2	US-09-882-835-4	Sequence 4, Appli
9	58	76.3	372	2	US-09-270-767-45792	Sequence 45792, A
10	55	72.4	332	2	US-09-882-835-2	Sequence 2, Appli
11	55	72.4	373	2	US-09-710-279-890	Sequence 890, App
12	55	72.4	385	2	US-09-134-001C-3688	Sequence 3688, Ap
13	55	72.4	392	2	US-09-198-452A-48	Sequence 48, Appl
14	55	72.4	406	2	US-09-438-185A-34	Sequence 34, Appl
15	55	72.4	747	2	US-09-999-833A-459	Sequence 459, App
16	55	72.4	747	2	US-10-020-445A-459	Sequence 459, App
17	55	72.4	747	2	US-09-978-189-459	Sequence 459, App
18	55	72.4	747	2	US-10-017-085A-459	Sequence 459, App
19	55	72.4	747	3	US-10-145-129A-459	Sequence 459, App
20	55	72.4	747	3	US-10-013-929A-459	Sequence 459, App
21	55	72.4	747	3	US-10-013-917A-459	Sequence 459, App
22	54	71.1	376	3	US-10-375-010-22	Sequence 22, Appl
23	54	71.1	438	1	US-08-897-340-34	Sequence 34, Appl
24	54	71.1	438	2	US-09-252-329-34	Sequence 34, Appl
25	54	71.1	484	1	US-08-879-260-4	Sequence 4, Appli
26	54	71.1	484	2	US-09-231-529-4	Sequence 4, Appli
27	54	71.1	484	2	US-08-977-816-4	Sequence 4, Appli
28	54	71.1	484	2	US-09-639-207-5	Sequence 5, Appli
29	53	69.7	407	2	US-09-540-236-2899	Sequence 2899, Ap
30	52	68.4	411	2	US-10-101-464A-982	Sequence 982, App
31	50	65.8	147	2	US-09-513-999C-6925	Sequence 6925, Ap
32	50	65.8	368	2	US-09-861-451A-2	Sequence 2, Appli
33	49	64.5	96	2	US-09-621-976-4045	Sequence 4045, Ap
34	49	64.5	138	2	US-09-902-540-13689	Sequence 13689, A
35	49	64.5	223	2	US-09-658-644-4	Sequence 4, Appli
36	49	64.5	223	2	US-09-949-016-6832	Sequence 6832, Ap
37	49	64.5	267	2	US-09-949-016-11497	Sequence 11497, A
38	49	64.5	387	2	US-09-908-992B-11	Sequence 11, Appl
39	49	64.5	414	2	US-09-908-992B-10	Sequence 10, Appl
40	49	64.5	453	2	US-09-908-992B-9	Sequence 9, Appli
41	49	64.5	453	2	US-09-908-992B-30	Sequence 30, Appl
42	49	64.5	480	2	US-09-908-992B-8	Sequence 8, Appli
43	49	64.5	480	2	US-09-908-992B-12	Sequence 12, Appl
44	48	63.2	276	2	US-09-270-767-43364	Sequence 43364, A
45	48	63.2	381	2	US-09-252-991A-27174	Sequence 27174, A
46	48	63.2	419	1	US-08-686-417-3	Sequence 3, Appli
47	48	63.2	504	2	US-09-231-529-6	Sequence 6, Appli
48	48	63.2	504	2	US-08-977-816-6	Sequence 6, Appli
49	48	63.2	516	2	US-09-949-016-9654	Sequence 9654, Ap
50	47	61.8	138	2	US-09-270-767-42296	Sequence 42296, A
51	47	61.8	382	2	US-09-603-208A-40	Sequence 40, Appl
52	47	61.8	452	2	US-09-908-992B-29	Sequence 29, Appl
53	47	61.8	479	2	US-09-908-992B-28	Sequence 28, Appl
54	47	61.8	508	2	US-09-639-207-1	Sequence 1, Appli
55	46	60.5	288	2	US-09-540-236-2885	Sequence 2885, Ap
56	46	60.5	330	1	US-08-868-288A-3	Sequence 3, Appli
57	46	60.5	330	2	US-09-235-373-3	Sequence 3, Appli
58	46	60.5	330	2	US-09-388-993-3	Sequence 3, Appli
59	46	60.5	330	2	US-09-501-714-3	Sequence 3, Appli
60	45	59.2	348	1	US-08-974-546-1	Sequence 1, Appli
61	44	57.9	70	2	US-09-621-976-4403	Sequence 4403, Ap
62	44	57.9	595	2	US-10-104-047-2714	Sequence 2714, Ap
63	43	56.6	153	2	US-09-621-976-5129	Sequence 5129, Ap

# SCORE Search Results Details for Application 10001938 and Search Result us-10-001-938-1.ra

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OM protein - protein search, using sw model

Run on: June 2, 2006, 19:45:16 ; Search time 63.4 Seconds  
(without alignments)  
109.593 Million cell updates/sec

Title: US-10-001-938-1  
Perfect score: 76  
Sequence: 1 QDYIEILGVSKTAE 15

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 2097797 seqs, 463214858 residues

Total number of hits satisfying chosen parameters: 2097797

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 1000 summaries

Database : Published\_Applications\_AA\_Main:\*  
1: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US07\_PUBCOMB.pep:\*  
2: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US08\_PUBCOMB.pep:\*  
3: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US09\_PUBCOMB.pep:\*  
4: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US10A\_PUBCOMB.pep:\*  
5: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US10B\_PUBCOMB.pep:\*  
6: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US11\_PUBCOMB.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	% Match	Query Length	DB ID	Description
1	76	100.0	15	4	US-10-001-938-1 Sequence 1, Appli
2	76	100.0	376	4	US-10-369-493-689 Sequence 689, App
3	76	100.0	376	6	US-11-080-458-32 Sequence 32, Appl

4	68	89.5	378	4	US-10-369-493-386	Sequence 386, App
5	67	88.2	476	5	US-10-450-763-48130	Sequence 48130, A
6	62	81.6	370	6	US-11-097-143-5622	Sequence 5622, Ap
7	61	80.3	332	4	US-10-369-493-2834	Sequence 2834, Ap
8	60	78.9	87	4	US-10-145-586-48	Sequence 48, Appl
9	60	78.9	378	4	US-10-369-493-21305	Sequence 21305, A
10	58	76.3	372	4	US-10-369-493-23206	Sequence 23206, A
11	58	76.3	382	4	US-10-369-493-8065	Sequence 8065, Ap
12	58	76.3	385	4	US-10-369-493-16754	Sequence 16754, A
13	57	75.0	187	4	US-10-424-599-165088	Sequence 165088,
14	57	75.0	201	5	US-10-732-923-9541	Sequence 9541, Ap
15	57	75.0	288	4	US-10-369-493-8874	Sequence 8874, Ap
16	57	75.0	322	4	US-10-369-493-20073	Sequence 20073, A
17	57	75.0	367	4	US-10-369-493-8095	Sequence 8095, Ap
18	56	73.7	317	4	US-10-156-761-14768	Sequence 14768, A
19	56	73.7	330	4	US-10-369-493-18826	Sequence 18826, A
20	56	73.7	330	4	US-10-369-493-19832	Sequence 19832, A
21	56	73.7	377	6	US-11-045-004-1504	Sequence 1504, Ap
22	56	73.7	420	4	US-10-369-493-591	Sequence 591, App
23	56	73.7	420	4	US-10-767-701-46164	Sequence 46164, A
24	56	73.7	422	4	US-10-425-115-332061	Sequence 332061,
25	56	73.7	427	4	US-10-424-599-282287	Sequence 282287,
26	56	73.7	429	4	US-10-425-115-209640	Sequence 209640,
27	56	73.7	429	6	US-11-096-568A-18416	Sequence 18416, A
28	56	73.7	433	4	US-10-425-114-63266	Sequence 63266, A
29	56	73.7	435	4	US-10-425-114-59462	Sequence 59462, A
30	56	73.7	435	4	US-10-425-114-65366	Sequence 65366, A
31	56	73.7	485	4	US-10-369-493-12487	Sequence 12487, A
32	55	72.4	110	3	US-09-764-868-1151	Sequence 1151, Ap
33	55	72.4	157	3	US-09-764-868-778	Sequence 778, App
34	55	72.4	208	4	US-10-767-701-41491	Sequence 41491, A
35	55	72.4	308	4	US-10-369-493-19014	Sequence 19014, A
36	55	72.4	319	4	US-10-282-122A-68006	Sequence 68006, A
37	55	72.4	332	4	US-10-145-586-46	Sequence 46, Appl
38	55	72.4	362	4	US-10-369-493-9305	Sequence 9305, Ap
39	55	72.4	373	5	US-10-793-626-890	Sequence 890, App
40	55	72.4	374	6	US-11-098-686-10930	Sequence 10930, A
41	55	72.4	379	4	US-10-369-493-7330	Sequence 7330, Ap
42	55	72.4	380	4	US-10-369-493-4573	Sequence 4573, Ap
43	55	72.4	392	4	US-10-289-762-48	Sequence 48, Appl
44	55	72.4	420	4	US-10-437-963-128712	Sequence 128712,
45	55	72.4	747	3	US-09-978-295A-459	Sequence 459, App
46	55	72.4	747	3	US-09-938-418-9	Sequence 9, Appli
47	55	72.4	747	3	US-09-978-697-459	Sequence 459, App
48	55	72.4	747	3	US-09-978-192A-459	Sequence 459, App
49	55	72.4	747	3	US-09-999-832A-459	Sequence 459, App
50	55	72.4	747	3	US-09-978-189-459	Sequence 459, App
51	55	72.4	747	3	US-09-978-608A-459	Sequence 459, App
52	55	72.4	747	3	US-09-978-585A-459	Sequence 459, App
53	55	72.4	747	3	US-09-978-191A-459	Sequence 459, App
54	55	72.4	747	3	US-09-978-403A-459	Sequence 459, App
55	55	72.4	747	3	US-09-978-564A-459	Sequence 459, App
56	55	72.4	747	3	US-09-999-833A-459	Sequence 459, App
57	55	72.4	747	3	US-09-981-915A-459	Sequence 459, App
58	55	72.4	747	3	US-09-978-824-459	Sequence 459, App
59	55	72.4	747	3	US-09-918-585A-459	Sequence 459, App
60	55	72.4	747	3	US-09-999-834A-459	Sequence 459, App
61	55	72.4	747	3	US-09-978-423A-459	Sequence 459, App
62	55	72.4	747	3	US-09-978-193A-459	Sequence 459, App
63	55	72.4	747	3	US-09-999-830A-459	Sequence 459, App
64	55	72.4	747	3	US-09-978-757A-459	Sequence 459, App



# SCORE Search Results Details for Application 10001938 and Search Result us-10-001-938-1.rapbn.

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OM protein - protein search, using sw model

Run on: June 2, 2006, 19:44:08 ; Search time 3.1 Seconds  
(without alignments)  
55.960 Million cell updates/sec

Title: US-10-001-938-1  
Perfect score: 76  
Sequence: 1 QDYIEILGVSKTAE 15

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 58871 seqs, 11565156 residues

Total number of hits satisfying chosen parameters: 58871

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 1000 summaries

Database : Published\_Applications\_AA\_New:\*  
1: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US09\_NEW\_PUB.pep:\*  
2: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US06\_NEW\_PUB.pep:\*  
3: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US07\_NEW\_PUB.pep:\*  
4: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US08\_NEW\_PUB.pep:\*  
5: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/PCT\_NEW\_PUB.pep:\*  
6: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US10\_NEW\_PUB.pep:\*  
7: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US11\_NEW\_PUB.pep:\*  
8: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US60\_NEW\_PUB.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result %  
Query

No.	Score	Match	Length	DB	ID	Description
1	76	100.0	15	6	US-10-490-949-2	Sequence 2, Appli
2	58	76.3	367	6	US-10-953-349-1406	Sequence 1406, Ap
3	58	76.3	456	6	US-10-953-349-1405	Sequence 1405, Ap
4	52	68.4	420	6	US-10-953-349-13709	Sequence 13709, A
5	50	65.8	380	6	US-10-953-349-7175	Sequence 7175, Ap
6	50	65.8	389	7	US-11-122-986-185	Sequence 185, App
7	50	65.8	389	7	US-11-122-986-187	Sequence 187, App
8	50	65.8	391	6	US-10-953-349-7174	Sequence 7174, Ap
9	50	65.8	417	6	US-10-953-349-16377	Sequence 16377, A
10	50	65.8	442	6	US-10-953-349-7173	Sequence 7173, Ap
11	49	64.5	465	6	US-10-953-349-8070	Sequence 8070, Ap
12	49	64.5	473	6	US-10-953-349-8069	Sequence 8069, Ap
13	49	64.5	482	6	US-10-953-349-8068	Sequence 8068, Ap
14	48	63.2	504	6	US-10-511-937-2547	Sequence 2547, Ap
15	47	61.8	391	6	US-10-953-349-7627	Sequence 7627, Ap
16	46	60.5	419	6	US-10-953-349-1054	Sequence 1054, Ap
17	43	56.6	379	6	US-10-953-349-11645	Sequence 11645, A
18	42	55.3	336	6	US-10-953-349-33810	Sequence 33810, A
19	42	55.3	430	6	US-10-953-349-33809	Sequence 33809, A
20	41	53.9	199	6	US-10-953-349-9116	Sequence 9116, Ap
21	41	53.9	248	6	US-10-953-349-9115	Sequence 9115, Ap
22	41	53.9	273	6	US-10-953-349-4464	Sequence 4464, Ap
23	41	53.9	349	6	US-10-953-349-948	Sequence 948, App
24	41	53.9	349	6	US-10-953-349-4463	Sequence 4463, Ap
25	41	53.9	367	6	US-10-953-349-4462	Sequence 4462, Ap
26	40	52.6	15	6	US-10-490-949-19	Sequence 19, Appl
27	39	51.3	305	6	US-10-953-349-23847	Sequence 23847, A
28	39	51.3	583	6	US-10-953-349-35418	Sequence 35418, A
29	39	51.3	630	6	US-10-953-349-35417	Sequence 35417, A
30	39	51.3	750	6	US-10-511-937-2413	Sequence 2413, Ap
31	38	50.0	333	6	US-10-953-349-2863	Sequence 2863, Ap
32	38	50.0	333	6	US-10-953-349-11247	Sequence 11247, A
33	38	50.0	397	7	US-11-293-697-3837	Sequence 3837, Ap
34	38	50.0	426	7	US-11-293-697-4751	Sequence 4751, Ap
35	37	48.7	15	6	US-10-490-949-20	Sequence 20, Appl
36	37	48.7	95	6	US-10-953-349-31080	Sequence 31080, A
37	37	48.7	156	6	US-10-953-349-5018	Sequence 5018, Ap
38	37	48.7	365	7	US-11-180-275A-5	Sequence 5, Appli
39	37	48.7	408	6	US-10-953-349-32513	Sequence 32513, A
40	37	48.7	496	6	US-10-953-349-32512	Sequence 32512, A
41	37	48.7	524	6	US-10-953-349-32511	Sequence 32511, A
42	36	47.4	15	6	US-10-490-949-18	Sequence 18, Appl
43	35.5	46.7	283	6	US-10-953-349-23347	Sequence 23347, A
44	35.5	46.7	301	6	US-10-953-349-23346	Sequence 23346, A
45	35.5	46.7	353	6	US-10-953-349-23345	Sequence 23345, A
46	35	46.1	253	6	US-10-953-349-5910	Sequence 5910, Ap
47	35	46.1	260	7	US-11-293-697-2489	Sequence 2489, Ap
48	35	46.1	268	6	US-10-953-349-5909	Sequence 5909, Ap
49	35	46.1	277	6	US-10-953-349-24470	Sequence 24470, A
50	35	46.1	292	6	US-10-953-349-24469	Sequence 24469, A
51	35	46.1	300	6	US-10-953-349-24468	Sequence 24468, A
52	35	46.1	302	6	US-10-953-349-5908	Sequence 5908, Ap
53	35	46.1	332	7	US-11-297-134-48	Sequence 48, Appl
54	35	46.1	335	6	US-10-953-349-2182	Sequence 2182, Ap
55	35	46.1	339	6	US-10-953-349-12422	Sequence 12422, A
56	35	46.1	343	6	US-10-953-349-2181	Sequence 2181, Ap
57	35	46.1	431	6	US-10-953-349-22612	Sequence 22612, A
58	35	46.1	557	7	US-11-293-697-4833	Sequence 4833, Ap
59	34	44.7	138	6	US-10-953-349-25278	Sequence 25278, A

# SCORE Search Results Details for Application 10001938 and Search Result us-10-001-938-10

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This page gives you Search Results detail for the Application 10001938 and Search Result us-10-001-938-10.rai.

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OM protein - protein search, using sw model

Run on: June 2, 2006, 19:12:07 ; Search time 12.7 Seconds  
(without alignments)  
103.383 Million cell updates/sec

Title: US-10-001-938-10  
Perfect score: 78  
Sequence: 1 KDYYQTLGLARGASD 15

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 650591 seqs, 87530628 residues

Total number of hits satisfying chosen parameters: 650591

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Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 1000 summaries

Database : Issued\_Patents\_AA:\*  
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2: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/6\_COMB.pep:\*  
3: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/7\_COMB.pep:\*  
4: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/H\_COMB.pep:\*  
5: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/PCTUS\_COMB.pep:\*  
6: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/RE\_COMB.pep:\*  
7: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/backfiles1.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	% Match	Query Length	DB ID	Description
1	78	100.0	340	1	US-08-974-546-5 Sequence 5, Appli
2	78	100.0	340	2	US-09-949-016-6691 Sequence 6691, Ap

3	78	100.0	363	2	US-09-949-016-8899	Sequence 8899, Ap
4	56	71.8	138	2	US-09-270-767-42296	Sequence 42296, A
5	56	71.8	508	2	US-09-639-207-1	Sequence 1, Appli
6	54	69.2	334	3	US-10-429-223-3	Sequence 3, Appli
7	54	69.2	337	2	US-09-665-479A-8	Sequence 8, Appli
8	52	66.7	391	2	US-09-902-540-11110	Sequence 11110, A
9	51	65.4	381	2	US-09-252-991A-27174	Sequence 27174, A
10	50	64.1	364	2	US-09-270-767-43685	Sequence 43685, A
11	50	64.1	375	2	US-09-328-352-4984	Sequence 4984, Ap
12	50	64.1	376	3	US-10-375-010-22	Sequence 22, Appl
13	48	61.5	147	2	US-09-513-999C-6925	Sequence 6925, Ap
14	48	61.5	348	1	US-08-974-546-1	Sequence 1, Appli
15	48	61.5	387	2	US-09-908-992B-11	Sequence 11, Appl
16	48	61.5	414	2	US-09-908-992B-10	Sequence 10, Appl
17	48	61.5	453	2	US-09-908-992B-9	Sequence 9, Appli
18	48	61.5	453	2	US-09-908-992B-30	Sequence 30, Appl
19	48	61.5	480	2	US-09-908-992B-8	Sequence 8, Appli
20	48	61.5	480	2	US-09-908-992B-12	Sequence 12, Appl
21	47	60.3	452	2	US-09-908-992B-29	Sequence 29, Appl
22	47	60.3	479	2	US-09-908-992B-28	Sequence 28, Appl
23	47	60.3	554	2	US-09-167-299-4	Sequence 4, Appli
24	46	59.0	372	2	US-09-270-767-45792	Sequence 45792, A
25	46	59.0	438	1	US-08-897-340-34	Sequence 34, Appl
26	46	59.0	438	2	US-09-252-329-34	Sequence 34, Appl
27	46	59.0	484	1	US-08-879-260-4	Sequence 4, Appli
28	46	59.0	484	2	US-09-231-529-4	Sequence 4, Appli
29	46	59.0	484	2	US-08-977-816-4	Sequence 4, Appli
30	46	59.0	484	2	US-09-639-207-5	Sequence 5, Appli
31	45	57.7	153	2	US-09-621-976-5129	Sequence 5129, Ap
32	45	57.7	276	2	US-09-270-767-43364	Sequence 43364, A
33	44	56.4	87	2	US-09-882-835-4	Sequence 4, Appli
34	43	55.1	261	2	US-09-902-540-15463	Sequence 15463, A
35	43	55.1	330	1	US-08-868-288A-3	Sequence 3, Appli
36	43	55.1	330	2	US-09-235-373-3	Sequence 3, Appli
37	43	55.1	330	2	US-09-388-993-3	Sequence 3, Appli
38	43	55.1	330	2	US-09-501-714-3	Sequence 3, Appli
39	43	55.1	373	2	US-09-710-279-890	Sequence 890, App
40	43	55.1	385	2	US-09-134-001C-3688	Sequence 3688, Ap
41	43	55.1	395	2	US-09-712-363-164	Sequence 164, App
42	43	55.1	493	2	US-09-613-303-19	Sequence 19, Appl
43	43	55.1	493	2	US-10-267-311-19	Sequence 19, Appl
44	42	53.8	130	2	US-09-252-991A-29173	Sequence 29173, A
45	42	53.8	320	2	US-09-328-352-7937	Sequence 7937, Ap
46	41	52.6	70	2	US-09-621-976-4403	Sequence 4403, Ap
47	41	52.6	197	2	US-10-094-749-2714	Sequence 2714, Ap
48	41	52.6	358	1	US-08-868-288A-1	Sequence 1, Appli
49	41	52.6	358	2	US-09-235-373-1	Sequence 1, Appli
50	41	52.6	358	2	US-09-388-993-1	Sequence 1, Appli
51	41	52.6	358	2	US-09-991-181-148	Sequence 148, App
52	41	52.6	358	2	US-09-501-714-1	Sequence 1, Appli
53	41	52.6	358	2	US-09-990-444-148	Sequence 148, App
54	41	52.6	358	2	US-09-997-333-148	Sequence 148, App
55	41	52.6	358	2	US-09-992-598-148	Sequence 148, App
56	41	52.6	358	2	US-09-989-735-148	Sequence 148, App
57	41	52.6	358	3	US-09-989-726-148	Sequence 148, App
58	41	52.6	358	3	US-09-997-514-148	Sequence 148, App
59	41	52.6	358	3	US-09-989-728-148	Sequence 148, App
60	41	52.6	358	3	US-09-997-349-148	Sequence 148, App
61	41	52.6	358	3	US-09-997-653-148	Sequence 148, App
62	41	52.6	358	3	US-09-989-293A-148	Sequence 148, App
63	41	52.6	380	2	US-09-543-681A-5912	Sequence 5912, Ap

# SCORE Search Results Details for Application 10001938 and Search Result us-10-001-938 10.rapbm.

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This page gives you Search Results detail for the Application 10001938 and Search Result us-10-001-938 10.rapbm.

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GenCore version 5.1.9  
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OM protein - protein search, using sw model

Run on: June 2, 2006, 19:45:16 ; Search time 63.4 Seconds  
(without alignments)  
109.593 Million cell updates/sec

Title: US-10-001-938-10  
Perfect score: 78  
Sequence: 1 KDYYQTLGLARGASD 15

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 2097797 seqs, 463214858 residues

Total number of hits satisfying chosen parameters: 2097797

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 1000 summaries

Database : Published\_Applications\_AA\_Main:\*  
1: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US07\_PUBCOMB.pep:\*  
2: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US08\_PUBCOMB.pep:\*  
3: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US09\_PUBCOMB.pep:\*  
4: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US10A\_PUBCOMB.pep:\*  
5: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US10B\_PUBCOMB.pep:\*  
6: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US11\_PUBCOMB.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	% Match	Query Length	DB ID	Description
1	78	100.0	15	4 US-10-001-938-10	Sequence 10, Appl



2	78	100.0	70	6	US-11-047-063-1	Sequence 1, Appli
3	78	100.0	340	4	US-10-116-275-134	Sequence 134, App
4	78	100.0	340	4	US-10-116-275-135	Sequence 135, App
5	78	100.0	340	5	US-10-871-388-5	Sequence 5, Appli
6	78	100.0	340	5	US-10-792-571-16	Sequence 16, Appl
7	78	100.0	340	6	US-11-047-063-2	Sequence 2, Appli
8	78	100.0	377	5	US-10-450-763-48884	Sequence 48884, A
9	64	82.1	375	4	US-10-369-493-15859	Sequence 15859, A
10	64	82.1	376	4	US-10-369-493-15487	Sequence 15487, A
11	63	80.8	258	3	US-09-764-868-1161	Sequence 1161, Ap
12	63	80.8	387	4	US-10-408-765A-2002	Sequence 2002, Ap
13	59	75.6	288	4	US-10-369-493-8874	Sequence 8874, Ap
14	56	71.8	344	6	US-11-087-099-977	Sequence 977, App
15	56	71.8	474	4	US-10-437-963-139809	Sequence 139809,
16	56	71.8	474	6	US-11-087-099-7037	Sequence 7037, Ap
17	56	71.8	474	6	US-11-087-099-7585	Sequence 7585, Ap
18	56	71.8	508	4	US-10-465-217-1	Sequence 1, Appli
19	56	71.8	508	6	US-11-097-143-9177	Sequence 9177, Ap
20	55	70.5	111	4	US-10-425-115-293770	Sequence 293770,
21	55	70.5	203	4	US-10-425-114-60728	Sequence 60728, A
22	55	70.5	336	4	US-10-425-115-295968	Sequence 295968,
23	55	70.5	336	6	US-11-096-568A-20392	Sequence 20392, A
24	55	70.5	345	5	US-10-739-930-10685	Sequence 10685, A
25	55	70.5	371	4	US-10-425-114-47700	Sequence 47700, A
26	55	70.5	379	4	US-10-369-493-7330	Sequence 7330, Ap
27	55	70.5	380	4	US-10-369-493-4573	Sequence 4573, Ap
28	55	70.5	388	4	US-10-425-114-46994	Sequence 46994, A
29	55	70.5	388	4	US-10-425-114-58689	Sequence 58689, A
30	55	70.5	390	4	US-10-425-114-52134	Sequence 52134, A
31	55	70.5	414	6	US-11-096-568A-20391	Sequence 20391, A
32	54	69.2	158	4	US-10-425-114-48912	Sequence 48912, A
33	54	69.2	193	3	US-09-925-301-983	Sequence 983, App
34	54	69.2	326	4	US-10-425-115-300448	Sequence 300448,
35	54	69.2	334	4	US-10-429-223-3	Sequence 3, Appli
36	54	69.2	337	4	US-10-788-792-162	Sequence 162, App
37	54	69.2	356	4	US-10-437-963-126176	Sequence 126176,
38	54	69.2	378	4	US-10-369-493-8450	Sequence 8450, Ap
39	52	66.7	310	4	US-10-369-493-4694	Sequence 4694, Ap
40	52	66.7	329	4	US-10-282-122A-49700	Sequence 49700, A
41	52	66.7	368	4	US-10-369-493-19421	Sequence 19421, A
42	52	66.7	374	4	US-10-369-493-13658	Sequence 13658, A
43	51	65.4	88	4	US-10-425-115-294867	Sequence 294867,
44	51	65.4	334	4	US-10-161-051-134	Sequence 134, App
45	51	65.4	334	6	US-11-097-143-22242	Sequence 22242, A
46	51	65.4	336	6	US-11-096-568A-25864	Sequence 25864, A
47	51	65.4	387	4	US-10-425-114-60791	Sequence 60791, A
48	51	65.4	430	6	US-11-096-568A-25863	Sequence 25863, A
49	51	65.4	513	6	US-11-097-143-11568	Sequence 11568, A
50	50	64.1	332	4	US-10-369-493-2834	Sequence 2834, Ap
51	50	64.1	342	6	US-11-097-143-3567	Sequence 3567, Ap
52	50	64.1	353	6	US-11-097-143-15813	Sequence 15813, A
53	50	64.1	362	4	US-10-369-493-9305	Sequence 9305, Ap
54	50	64.1	365	4	US-10-369-493-18240	Sequence 18240, A
55	50	64.1	370	6	US-11-097-143-5622	Sequence 5622, Ap
56	50	64.1	376	4	US-10-375-010-22	Sequence 22, Appl
57	50	64.1	376	6	US-11-232-406A-22	Sequence 22, Appl
58	49	62.8	66	6	US-11-039-722-7	Sequence 7, Appli
59	49	62.8	73	4	US-10-425-115-208567	Sequence 208567,
60	49	62.8	128	6	US-11-097-143-15807	Sequence 15807, A
61	49	62.8	271	6	US-11-087-099-7430	Sequence 7430, Ap
62	49	62.8	317	4	US-10-156-761-14768	Sequence 14768, A

SCORE Search Results Details for Application  
10001938 and Search Result us-10-001-938-  
10.rapbn.

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OM protein - protein search, using sw model

Run on: June 2, 2006, 19:44:08 ; Search time 3.1 Seconds  
(without alignments)  
55.960 Million cell updates/sec

Title: US-10-001-938-10  
Perfect score: 78  
Sequence: 1 KDYYQTLGLARGASD 15

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 58871 seqs, 11565156 residues

Total number of hits satisfying chosen parameters: 58871

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 1000 summaries

Database : Published\_Applications\_AA\_New:\*  
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2: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US06\_NEW\_PUB.pep:\*  
3: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US07\_NEW\_PUB.pep:\*  
4: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US08\_NEW\_PUB.pep:\*  
5: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/PCT\_NEW\_PUB.pep:\*  
6: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US10\_NEW\_PUB.pep:\*  
7: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US11\_NEW\_PUB.pep:\*  
8: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US60\_NEW\_PUB.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result

%  
Query

No.	Score	Match	Length	DB	ID	Description
1	78	100.0	15	6	US-10-490-949-19	Sequence 19, Appl
2	64	82.1	389	7	US-11-122-986-185	Sequence 185, App
3	64	82.1	389	7	US-11-122-986-187	Sequence 187, App
4	51	65.4	336	6	US-10-953-349-33810	Sequence 33810, A
5	51	65.4	430	6	US-10-953-349-33809	Sequence 33809, A
6	45	57.7	367	6	US-10-953-349-1406	Sequence 1406, Ap
7	45	57.7	456	6	US-10-953-349-1405	Sequence 1405, Ap
8	44	56.4	465	6	US-10-953-349-8070	Sequence 8070, Ap
9	44	56.4	473	6	US-10-953-349-8069	Sequence 8069, Ap
10	44	56.4	482	6	US-10-953-349-8068	Sequence 8068, Ap
11	42	53.8	273	6	US-10-953-349-4464	Sequence 4464, Ap
12	42	53.8	349	6	US-10-953-349-4463	Sequence 4463, Ap
13	42	53.8	367	6	US-10-953-349-4462	Sequence 4462, Ap
14	41	52.6	199	6	US-10-953-349-9116	Sequence 9116, Ap
15	41	52.6	248	6	US-10-953-349-9115	Sequence 9115, Ap
16	41	52.6	281	6	US-10-953-349-18417	Sequence 18417, A
17	41	52.6	351	6	US-10-953-349-18416	Sequence 18416, A
18	41	52.6	504	6	US-10-511-937-2547	Sequence 2547, Ap
19	40	51.3	15	6	US-10-490-949-2	Sequence 2, Appli
20	40	51.3	260	7	US-11-293-697-2489	Sequence 2489, Ap
21	39	50.0	357	6	US-10-953-349-2656	Sequence 2656, Ap
22	39	50.0	364	6	US-10-953-349-2655	Sequence 2655, Ap
23	39	50.0	372	6	US-10-953-349-2654	Sequence 2654, Ap
24	39	50.0	380	6	US-10-953-349-7175	Sequence 7175, Ap
25	39	50.0	391	6	US-10-953-349-7174	Sequence 7174, Ap
26	39	50.0	442	6	US-10-953-349-7173	Sequence 7173, Ap
27	39	50.0	586	6	US-10-953-349-38530	Sequence 38530, A
28	39	50.0	627	6	US-10-953-349-38529	Sequence 38529, A
29	38	48.7	156	6	US-10-370-959-126	Sequence 126, App
30	38	48.7	169	6	US-10-953-349-27713	Sequence 27713, A
31	38	48.7	172	6	US-10-953-349-10393	Sequence 10393, A
32	38	48.7	324	6	US-10-953-349-10392	Sequence 10392, A
33	37	47.4	161	6	US-10-953-349-15793	Sequence 15793, A
34	37	47.4	182	6	US-10-953-349-15792	Sequence 15792, A
35	37	47.4	295	7	US-11-122-986-275	Sequence 275, App
36	37	47.4	295	7	US-11-122-986-277	Sequence 277, App
37	37	47.4	417	6	US-10-953-349-16377	Sequence 16377, A
38	37	47.4	420	6	US-10-953-349-13709	Sequence 13709, A
39	36	46.2	126	6	US-10-953-349-2572	Sequence 2572, Ap
40	36	46.2	188	6	US-10-953-349-17319	Sequence 17319, A
41	36	46.2	191	6	US-10-953-349-2571	Sequence 2571, Ap
42	36	46.2	230	6	US-10-953-349-2570	Sequence 2570, Ap
43	36	46.2	267	6	US-10-953-349-17318	Sequence 17318, A
44	36	46.2	310	6	US-10-953-349-21677	Sequence 21677, A
45	36	46.2	311	6	US-10-953-349-17317	Sequence 17317, A
46	36	46.2	311	6	US-10-953-349-21676	Sequence 21676, A
47	36	46.2	333	6	US-10-953-349-2863	Sequence 2863, Ap
48	36	46.2	333	6	US-10-953-349-11247	Sequence 11247, A
49	36	46.2	456	6	US-10-953-349-21675	Sequence 21675, A
50	35	44.9	317	6	US-10-953-349-11729	Sequence 11729, A
51	35	44.9	497	6	US-10-953-349-480	Sequence 480, App
52	35	44.9	498	6	US-10-953-349-479	Sequence 479, App
53	35	44.9	500	6	US-10-953-349-478	Sequence 478, App
54	34	43.6	95	6	US-10-953-349-31080	Sequence 31080, A
55	34	43.6	190	6	US-10-953-349-28214	Sequence 28214, A
56	34	43.6	191	6	US-10-953-349-28213	Sequence 28213, A
57	34	43.6	335	6	US-10-953-349-2182	Sequence 2182, Ap
58	34	43.6	343	6	US-10-953-349-2181	Sequence 2181, Ap
59	34	43.6	344	6	US-10-953-349-3691	Sequence 3691, Ap

# SCORE Search Results Details for Application 10001938 and Search Result us-10-001-938-11

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This page gives you Search Results detail for the Application 10001938 and Search Result us-10-001-938-11.rai.

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GenCore version 5.1.9  
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OM protein - protein search, using sw model

Run on: June 2, 2006, 19:37:25 ; Search time 14.6053 Seconds  
(without alignments)  
89.896 Million cell updates/sec

Title: US-10-001-938-11  
Perfect score: 80  
Sequence: 1 TTYDVLGVKPNATQ 15

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 650591 seqs, 87530628 residues

Total number of hits satisfying chosen parameters: 650591

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 1000 summaries

Database : Issued\_Patents\_AA:\*  
1: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/5\_COMB.pep:\*  
2: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/6\_COMB.pep:\*  
3: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/7\_COMB.pep:\*  
4: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/H\_COMB.pep:\*  
5: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/PCTUS\_COMB.pep:\*  
6: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/RE\_COMB.pep:\*  
7: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/backfiles1.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	% Match	Query Length	DB ID	Description
1	80	100.0	102	2 US-09-513-999C-5137	Sequence 5137, Ap
2	80	100.0	127	2 US-09-370-838-199	Sequence 199, App

3	80	100.0	127	2	US-09-854-133-199	Sequence 199, App
4	80	100.0	397	1	US-08-868-288A-5	Sequence 5, Appli
5	80	100.0	397	2	US-09-235-373-5	Sequence 5, Appli
6	80	100.0	397	2	US-09-388-993-5	Sequence 5, Appli
7	80	100.0	397	2	US-09-919-039-178	Sequence 178, App
8	80	100.0	397	2	US-09-538-092-1052	Sequence 1052, Ap
9	80	100.0	397	2	US-09-501-714-5	Sequence 5, Appli
10	59	73.8	397	3	US-10-429-223-2	Sequence 2, Appli
11	59	73.8	397	3	US-10-429-223-4	Sequence 4, Appli
12	52	65.0	397	2	US-09-248-796A-17628	Sequence 17628, A
13	51	63.7	482	2	US-09-538-092-454	Sequence 454, App
14	48	60.0	115	2	US-09-248-796A-16551	Sequence 16551, A
15	47	58.8	99	2	US-09-248-796A-19786	Sequence 19786, A
16	46	57.5	75	2	US-09-513-999C-6016	Sequence 6016, Ap
17	46	57.5	419	1	US-08-686-417-3	Sequence 3, Appli
18	44	55.0	73	2	US-09-513-999C-7608	Sequence 7608, Ap
19	44	55.0	96	2	US-09-621-976-4045	Sequence 4045, Ap
20	44	55.0	223	2	US-09-658-644-4	Sequence 4, Appli
21	44	55.0	223	2	US-09-949-016-6832	Sequence 6832, Ap
22	44	55.0	267	2	US-09-949-016-11497	Sequence 11497, A
23	44	55.0	382	2	US-09-603-208A-40	Sequence 40, Appl
24	44	55.0	387	2	US-09-908-992B-11	Sequence 11, Appl
25	44	55.0	414	2	US-09-908-992B-10	Sequence 10, Appl
26	44	55.0	452	2	US-09-908-992B-29	Sequence 29, Appl
27	44	55.0	453	2	US-09-908-992B-9	Sequence 9, Appli
28	44	55.0	453	2	US-09-908-992B-30	Sequence 30, Appl
29	44	55.0	479	2	US-09-908-992B-28	Sequence 28, Appl
30	44	55.0	480	2	US-09-908-992B-8	Sequence 8, Appli
31	44	55.0	480	2	US-09-908-992B-12	Sequence 12, Appl
32	43	53.8	158	2	US-09-248-796A-19793	Sequence 19793, A
33	43	53.8	380	2	US-09-540-236-2987	Sequence 2987, Ap
34	43	53.8	504	2	US-09-231-529-6	Sequence 6, Appli
35	43	53.8	504	2	US-08-977-816-6	Sequence 6, Appli
36	43	53.8	515	2	US-09-248-796A-19787	Sequence 19787, A
37	43	53.8	516	2	US-09-949-016-9654	Sequence 9654, Ap
38	42	52.5	281	2	US-09-902-540-15871	Sequence 15871, A
39	41	51.2	268	2	US-09-270-767-39827	Sequence 39827, A
40	41	51.2	268	2	US-09-270-767-55044	Sequence 55044, A
41	41	51.2	352	1	US-08-472-534-6	Sequence 6, Appli
42	41	51.2	378	2	US-09-583-110-4647	Sequence 4647, Ap
43	41	51.2	379	2	US-09-107-433-3487	Sequence 3487, Ap
44	41	51.2	438	1	US-08-897-340-34	Sequence 34, Appl
45	41	51.2	438	2	US-09-252-329-34	Sequence 34, Appl
46	41	51.2	484	1	US-08-879-260-4	Sequence 4, Appli
47	41	51.2	484	2	US-09-231-529-4	Sequence 4, Appli
48	41	51.2	484	2	US-08-977-816-4	Sequence 4, Appli
49	41	51.2	484	2	US-09-639-207-5	Sequence 5, Appli
50	40	50.0	87	2	US-09-882-835-4	Sequence 4, Appli
51	40	50.0	147	2	US-09-270-767-33311	Sequence 33311, A
52	40	50.0	147	2	US-09-270-767-48528	Sequence 48528, A
53	40	50.0	276	2	US-09-270-767-43364	Sequence 43364, A
54	40	50.0	373	2	US-09-710-279-890	Sequence 890, App
55	40	50.0	376	3	US-10-375-010-22	Sequence 22, Appl
56	40	50.0	385	2	US-09-134-001C-3688	Sequence 3688, Ap
57	40	50.0	400	2	US-09-489-039A-13012	Sequence 13012, A
58	39	48.8	236	2	US-09-270-767-42239	Sequence 42239, A
59	39	48.8	264	2	US-09-134-000C-6709	Sequence 6709, Ap
60	39	48.8	284	3	US-09-191-651-10	Sequence 10, Appl
61	39	48.8	320	2	US-09-543-681A-7884	Sequence 7884, Ap
62	39	48.8	320	2	US-09-248-796A-17629	Sequence 17629, A
63	39	48.8	330	1	US-08-868-288A-3	Sequence 3, Appli



# SCORE Search Results Details for Application 10001938 and Search Result us-10-001-938 11.rapbm.

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This page gives you Search Results detail for the Application 10001938 and Search Result us-10-001-938 11.rapbm.

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GenCore version 5.1.9  
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OM protein - protein search, using sw model

Run on: June 2, 2006, 19:58:51 ; Search time 63.3553 Seconds  
(without alignments)  
109.671 Million cell updates/sec

Title: US-10-001-938-11  
Perfect score: 80  
Sequence: 1 TTYVDVLGVKPNATQ 15

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 2097797 seqs, 463214858 residues

Total number of hits satisfying chosen parameters: 2097797

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 1000 summaries

Database : Published\_Applications\_AA\_Main:\*  
1: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US07\_PUBCOMB.pep:\*  
2: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US08\_PUBCOMB.pep:\*  
3: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US09\_PUBCOMB.pep:\*  
4: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US10A\_PUBCOMB.pep:\*  
5: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US10B\_PUBCOMB.pep:\*  
6: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US11\_PUBCOMB.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	% Match	Query Length	DB ID	Description
1	80	100.0	15	4 US-10-001-938-11	Sequence 11, Appl

2	80	100.0	127	3	US-09-738-973-199	Sequence 199, App
3	80	100.0	127	3	US-09-854-133-199	Sequence 199, App
4	80	100.0	127	4	US-10-144-649A-199	Sequence 199, App
5	80	100.0	397	3	US-09-919-039-178	Sequence 178, App
6	80	100.0	397	5	US-10-473-127-1138	Sequence 1138, Ap
7	80	100.0	397	5	US-10-473-127-1139	Sequence 1139, Ap
8	80	100.0	397	5	US-10-473-127-1140	Sequence 1140, Ap
9	80	100.0	397	5	US-10-473-127-1143	Sequence 1143, Ap
10	80	100.0	397	5	US-10-473-127-1144	Sequence 1144, Ap
11	80	100.0	397	5	US-10-473-127-1145	Sequence 1145, Ap
12	80	100.0	397	5	US-10-756-149-4727	Sequence 4727, Ap
13	80	100.0	397	5	US-10-631-467-559	Sequence 559, App
14	80	100.0	397	5	US-10-631-467-1386	Sequence 1386, Ap
15	80	100.0	397	5	US-10-878-556A-155	Sequence 155, App
16	80	100.0	408	5	US-10-450-763-40099	Sequence 40099, A
17	67	83.8	403	6	US-11-097-143-24405	Sequence 24405, A
18	67	83.8	403	6	US-11-097-143-41904	Sequence 41904, A
19	61	76.2	26	5	US-10-862-195-1870	Sequence 1870, Ap
20	60	75.0	390	4	US-10-425-115-236372	Sequence 236372,
21	60	75.0	391	4	US-10-767-701-45927	Sequence 45927, A
22	60	75.0	395	4	US-10-425-114-63467	Sequence 63467, A
23	60	75.0	398	6	US-11-096-568A-31579	Sequence 31579, A
24	59	73.8	121	4	US-10-437-963-151256	Sequence 151256,
25	59	73.8	313	4	US-10-437-963-183087	Sequence 183087,
26	59	73.8	397	4	US-10-108-260A-3837	Sequence 3837, Ap
27	59	73.8	397	4	US-10-429-223-2	Sequence 2, Appli
28	59	73.8	397	4	US-10-429-223-4	Sequence 4, Appli
29	59	73.8	426	4	US-10-108-260A-4751	Sequence 4751, Ap
30	58	72.5	145	4	US-10-767-701-55698	Sequence 55698, A
31	54	67.5	123	4	US-10-425-115-239628	Sequence 239628,
32	53	66.2	51	4	US-10-424-599-274377	Sequence 274377,
33	53	66.2	107	4	US-10-767-701-48835	Sequence 48835, A
34	53	66.2	208	4	US-10-767-701-41491	Sequence 41491, A
35	52	65.0	60	4	US-10-424-599-160806	Sequence 160806,
36	52	65.0	155	4	US-10-425-115-220433	Sequence 220433,
37	52	65.0	217	4	US-10-424-599-271036	Sequence 271036,
38	52	65.0	410	4	US-10-424-599-271035	Sequence 271035,
39	52	65.0	417	4	US-10-424-599-271037	Sequence 271037,
40	52	65.0	442	4	US-10-437-963-196211	Sequence 196211,
41	51	63.7	212	4	US-10-425-115-309309	Sequence 309309,
42	51	63.7	420	4	US-10-437-963-128712	Sequence 128712,
43	49	61.3	47	4	US-10-424-599-188229	Sequence 188229,
44	49	61.3	80	4	US-10-424-599-205273	Sequence 205273,
45	49	61.3	121	4	US-10-425-115-244815	Sequence 244815,
46	49	61.3	386	4	US-10-425-115-191974	Sequence 191974,
47	49	61.3	391	4	US-10-425-114-63066	Sequence 63066, A
48	49	61.3	391	4	US-10-425-114-63612	Sequence 63612, A
49	49	61.3	420	4	US-10-424-599-257607	Sequence 257607,
50	48	60.0	35	4	US-10-425-115-220432	Sequence 220432,
51	48	60.0	64	4	US-10-424-599-247165	Sequence 247165,
52	48	60.0	85	4	US-10-425-115-327744	Sequence 327744,
53	48	60.0	94	4	US-10-425-115-336842	Sequence 336842,
54	48	60.0	148	4	US-10-767-701-32479	Sequence 32479, A
55	48	60.0	185	4	US-10-767-701-44451	Sequence 44451, A
56	48	60.0	195	6	US-11-096-568A-16365	Sequence 16365, A
57	48	60.0	197	4	US-10-425-114-61161	Sequence 61161, A
58	48	60.0	200	4	US-10-425-115-298432	Sequence 298432,
59	48	60.0	241	3	US-09-765-205-32	Sequence 32, Appl
60	48	60.0	241	5	US-10-347-669-32	Sequence 32, Appl
61	48	60.0	343	4	US-10-425-115-228357	Sequence 228357,
62	48	60.0	344	4	US-10-425-114-73013	Sequence 73013, A

SCORE Search Results Details for Application  
10001938 and Search Result us-10-001-938-  
11.rapbn.

<a href="#">Score Home</a>	<a href="#">Retrieve Application</a>	<a href="#">SCORE System</a>	<a href="#">SCORE</a>	<a href="#">Comments /</a>
<a href="#">Page</a>	<a href="#">List</a>	<a href="#">Overview</a>	<a href="#">FAQ</a>	<a href="#">Suggestions</a>

This page gives you Search Results detail for the Application 10001938 and Search Result us-10-001-938-11.rapbn.  
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OM protein - protein search, using sw model

Run on: June 2, 2006, 19:45:07 ; Search time 3.55263 Seconds  
(without alignments)  
48.831 Million cell updates/sec

Title: US-10-001-938-11  
Perfect score: 80  
Sequence: 1 TTYVDVLGVKPNATQ 15

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 58871 seqs, 11565156 residues

Total number of hits satisfying chosen parameters: 58871

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 1000 summaries

Database : Published\_Applications\_AA\_New:\*  
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3: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US07\_NEW\_PUB.pep:\*  
4: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US08\_NEW\_PUB.pep:\*  
5: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/PCT\_NEW\_PUB.pep:\*  
6: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US10\_NEW\_PUB.pep:\*  
7: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US11\_NEW\_PUB.pep:\*  
8: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US60\_NEW\_PUB.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

	%
Result	Query

No.	Score	Match	Length	DB	ID	Description
1	80	100.0	15	6	US-10-490-949-20	Sequence 20, Appl
2	59	73.8	397	7	US-11-293-697-3837	Sequence 3837, Ap
3	59	73.8	426	7	US-11-293-697-4751	Sequence 4751, Ap
4	57	71.2	379	6	US-10-953-349-11645	Sequence 11645, A
5	56	70.0	391	6	US-10-953-349-7627	Sequence 7627, Ap
6	49	61.3	420	6	US-10-953-349-13709	Sequence 13709, A
7	47	58.8	380	6	US-10-953-349-7175	Sequence 7175, Ap
8	47	58.8	391	6	US-10-953-349-7174	Sequence 7174, Ap
9	47	58.8	417	6	US-10-953-349-16377	Sequence 16377, A
10	47	58.8	442	6	US-10-953-349-7173	Sequence 7173, Ap
11	44	55.0	339	6	US-10-953-349-12422	Sequence 12422, A
12	43	53.8	190	6	US-10-953-349-28214	Sequence 28214, A
13	43	53.8	191	6	US-10-953-349-28213	Sequence 28213, A
14	43	53.8	504	6	US-10-511-937-2547	Sequence 2547, Ap
15	42	52.5	367	6	US-10-953-349-1406	Sequence 1406, Ap
16	42	52.5	456	6	US-10-953-349-1405	Sequence 1405, Ap
17	41	51.2	95	6	US-10-953-349-31080	Sequence 31080, A
18	41	51.2	333	6	US-10-953-349-2863	Sequence 2863, Ap
19	41	51.2	333	6	US-10-953-349-11247	Sequence 11247, A
20	40	50.0	199	6	US-10-953-349-9116	Sequence 9116, Ap
21	40	50.0	248	6	US-10-953-349-9115	Sequence 9115, Ap
22	40	50.0	548	6	US-10-953-349-17843	Sequence 17843, A
23	39	48.8	191	6	US-10-953-349-34839	Sequence 34839, A
24	39	48.8	193	6	US-10-953-349-34838	Sequence 34838, A
25	39	48.8	196	6	US-10-953-349-34837	Sequence 34837, A
26	39	48.8	198	6	US-10-953-349-31537	Sequence 31537, A
27	39	48.8	223	6	US-10-953-349-9541	Sequence 9541, Ap
28	39	48.8	226	6	US-10-953-349-9540	Sequence 9540, Ap
29	39	48.8	282	6	US-10-953-349-31536	Sequence 31536, A
30	39	48.8	331	6	US-10-953-349-31535	Sequence 31535, A
31	38	47.5	138	6	US-10-953-349-39107	Sequence 39107, A
32	38	47.5	156	6	US-10-953-349-5018	Sequence 5018, Ap
33	38	47.5	174	6	US-10-953-349-39106	Sequence 39106, A
34	38	47.5	583	6	US-10-953-349-35418	Sequence 35418, A
35	38	47.5	630	6	US-10-953-349-35417	Sequence 35417, A
36	37	46.2	15	6	US-10-490-949-2	Sequence 2, Appli
37	37	46.2	273	6	US-10-953-349-4464	Sequence 4464, Ap
38	37	46.2	305	7	US-11-293-697-4867	Sequence 4867, Ap
39	37	46.2	330	6	US-10-505-928-656	Sequence 656, App
40	37	46.2	349	6	US-10-953-349-4463	Sequence 4463, Ap
41	37	46.2	367	6	US-10-953-349-4462	Sequence 4462, Ap
42	37	46.2	395	6	US-10-511-937-2599	Sequence 2599, Ap
43	36	45.0	557	7	US-11-293-697-4833	Sequence 4833, Ap
44	36	45.0	666	7	US-11-293-697-3968	Sequence 3968, Ap
45	35	43.8	246	6	US-10-953-349-29161	Sequence 29161, A
46	35	43.8	329	6	US-10-953-349-29160	Sequence 29160, A
47	35	43.8	349	6	US-10-953-349-948	Sequence 948, App
48	35	43.8	352	6	US-10-953-349-21108	Sequence 21108, A
49	35	43.8	387	6	US-10-953-349-21107	Sequence 21107, A
50	35	43.8	396	6	US-10-953-349-21106	Sequence 21106, A
51	35	43.8	417	6	US-10-953-349-29159	Sequence 29159, A
52	35	43.8	419	6	US-10-953-349-1054	Sequence 1054, Ap
53	34	42.5	282	6	US-10-953-349-14698	Sequence 14698, A
54	34	42.5	389	7	US-11-122-986-185	Sequence 185, App
55	34	42.5	389	7	US-11-122-986-187	Sequence 187, App
56	33.5	41.9	194	6	US-10-953-349-7966	Sequence 7966, Ap
57	33.5	41.9	200	6	US-10-953-349-7965	Sequence 7965, Ap
58	33	41.2	138	6	US-10-953-349-20728	Sequence 20728, A
59	33	41.2	148	6	US-10-953-349-8299	Sequence 8299, Ap

# SCORE Search Results Details for Application 10001938 and Search Result us-10-001-938-12.ra1.

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OM protein - protein search, using sw model

Run on: June 2, 2006, 19:12:07 ; Search time 12.7 Seconds  
(without alignments)  
103.383 Million cell updates/sec

Title: US-10-001-938-12  
Perfect score: 86  
Sequence: 1 KKAYRRKALQWHPDK 15

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 650591 seqs, 87530628 residues

Total number of hits satisfying chosen parameters: 650591

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 1000 summaries

Database : Issued\_Patents\_AA:\*  
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3: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/7\_COMB.pep:\*  
4: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/H\_COMB.pep:\*  
5: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/PCTUS\_COMB.pep:\*  
6: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/RE\_COMB.pep:\*  
7: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/backfiles1.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
------------	-------	-------------	--------	----	-------------



1	86	100.0	277	1	US-08-868-288A-7	Sequence 7, Appli
2	86	100.0	277	2	US-09-235-373-7	Sequence 7, Appli
3	86	100.0	277	2	US-09-388-993-7	Sequence 7, Appli
4	86	100.0	277	2	US-09-501-714-7	Sequence 7, Appli
5	86	100.0	327	2	US-09-949-016-11262	Sequence 11262, A
6	86	100.0	351	1	US-08-868-288A-6	Sequence 6, Appli
7	86	100.0	351	2	US-09-235-373-6	Sequence 6, Appli
8	86	100.0	351	2	US-09-388-993-6	Sequence 6, Appli
9	86	100.0	351	2	US-09-501-714-6	Sequence 6, Appli
10	72	83.7	330	1	US-08-868-288A-3	Sequence 3, Appli
11	72	83.7	330	2	US-09-235-373-3	Sequence 3, Appli
12	72	83.7	330	2	US-09-388-993-3	Sequence 3, Appli
13	72	83.7	330	2	US-09-501-714-3	Sequence 3, Appli
14	70	81.4	411	2	US-10-101-464A-982	Sequence 982, App
15	67	77.9	153	2	US-09-621-976-5129	Sequence 5129, Ap
16	66	76.7	340	1	US-08-974-546-5	Sequence 5, Appli
17	66	76.7	340	2	US-09-949-016-6691	Sequence 6691, Ap
18	66	76.7	363	2	US-09-949-016-8899	Sequence 8899, Ap
19	66	76.7	504	2	US-09-231-529-6	Sequence 6, Appli
20	66	76.7	504	2	US-08-977-816-6	Sequence 6, Appli
21	66	76.7	516	2	US-09-949-016-9654	Sequence 9654, Ap
22	65	75.6	334	3	US-10-429-223-3	Sequence 3, Appli
23	65	75.6	337	2	US-09-665-479A-8	Sequence 8, Appli
24	64	74.4	86	2	US-09-513-999C-6033	Sequence 6033, Ap
25	64	74.4	347	2	US-09-248-796A-19195	Sequence 19195, A
26	64	74.4	348	1	US-08-974-546-1	Sequence 1, Appli
27	64	74.4	397	2	US-09-248-796A-17628	Sequence 17628, A
28	64	74.4	595	2	US-10-104-047-2714	Sequence 2714, Ap
29	63	73.3	87	2	US-09-882-835-4	Sequence 4, Appli
30	63	73.3	102	2	US-09-513-999C-5137	Sequence 5137, Ap
31	63	73.3	118	2	US-09-248-796A-19798	Sequence 19798, A
32	63	73.3	127	2	US-09-370-838-199	Sequence 199, App
33	63	73.3	127	2	US-09-854-133-199	Sequence 199, App
34	63	73.3	397	1	US-08-868-288A-5	Sequence 5, Appli
35	63	73.3	397	2	US-09-235-373-5	Sequence 5, Appli
36	63	73.3	397	2	US-09-388-993-5	Sequence 5, Appli
37	63	73.3	397	2	US-09-919-039-178	Sequence 178, App
38	63	73.3	397	2	US-09-538-092-1052	Sequence 1052, Ap
39	63	73.3	397	2	US-09-501-714-5	Sequence 5, Appli
40	63	73.3	397	3	US-10-429-223-2	Sequence 2, Appli
41	63	73.3	397	3	US-10-429-223-4	Sequence 4, Appli
42	62	72.1	51	1	US-08-346-849-12	Sequence 12, Appl
43	62	72.1	51	1	US-08-293-284A-12	Sequence 12, Appl
44	62	72.1	51	2	US-08-898-300-12	Sequence 12, Appl
45	62	72.1	51	2	US-08-824-513-12	Sequence 12, Appl
46	62	72.1	147	2	US-09-513-999C-6925	Sequence 6925, Ap
47	61	70.9	54	1	US-08-346-849-13	Sequence 13, Appl
48	61	70.9	54	1	US-08-293-284A-13	Sequence 13, Appl
49	61	70.9	54	2	US-08-898-300-13	Sequence 13, Appl
50	61	70.9	54	2	US-08-824-513-13	Sequence 13, Appl
51	61	70.9	381	2	US-09-252-991A-27174	Sequence 27174, A
52	60	69.8	49	1	US-08-346-849-11	Sequence 11, Appl
53	60	69.8	49	1	US-08-293-284A-11	Sequence 11, Appl
54	60	69.8	49	2	US-08-898-300-11	Sequence 11, Appl
55	60	69.8	49	2	US-08-824-513-11	Sequence 11, Appl
56	60	69.8	99	2	US-09-248-796A-19786	Sequence 19786, A
57	60	69.8	138	2	US-09-270-767-42296	Sequence 42296, A
58	60	69.8	358	1	US-08-868-288A-1	Sequence 1, Appli
59	60	69.8	358	2	US-09-235-373-1	Sequence 1, Appli
60	60	69.8	358	2	US-09-388-993-1	Sequence 1, Appli

# SCORE Search Results Details for Application 10001938 and Search Result us-10-001-938 12.rapbm.

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This page gives you Search Results detail for the Application 10001938 and Search Result us-10-001-938 12.rapbm.

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GenCore version 5.1.9  
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OM protein - protein search, using sw model

Run on: June 2, 2006, 19:45:16 ; Search time 63.4 Seconds  
(without alignments)  
109.593 Million cell updates/sec

Title: US-10-001-938-12  
Perfect score: 86  
Sequence: 1 KKAYRRKALQWHPDK 15

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 2097797 seqs, 463214858 residues

Total number of hits satisfying chosen parameters: 2097797

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 1000 summaries

Database : Published\_Applications\_AA\_Main:  
1: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US07\_PUBCOMB.pep:\*  
2: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US08\_PUBCOMB.pep:\*  
3: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US09\_PUBCOMB.pep:\*  
4: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US10A\_PUBCOMB.pep:\*  
5: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US10B\_PUBCOMB.pep:\*  
6: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US11\_PUBCOMB.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	% Match	Query Length	DB ID	Description
1	86	100.0	15	4 US-10-001-938-12	Sequence 12, Appl

2	73	84.9	153	4	US-10-424-599-257493	Sequence 257493,
3	73	84.9	217	4	US-10-424-599-257471	Sequence 257471,
4	73	84.9	482	5	US-10-739-930-6446	Sequence 6446, Ap
5	72	83.7	60	3	US-09-764-868-790	Sequence 790, App
6	72	83.7	60	3	US-09-764-891-3746	Sequence 3746, Ap
7	72	83.7	196	5	US-10-450-763-58941	Sequence 58941, A
8	72	83.7	232	5	US-10-480-988-22	Sequence 22, Appl
9	72	83.7	242	4	US-10-264-049-2674	Sequence 2674, Ap
10	72	83.7	267	3	US-09-764-868-1164	Sequence 1164, Ap
11	72	83.7	267	3	US-09-764-891-4089	Sequence 4089, Ap
12	72	83.7	395	6	US-11-079-463-9803	Sequence 9803, Ap
13	71	82.6	342	4	US-10-437-963-126854	Sequence 126854,
14	71	82.6	349	5	US-10-739-930-5915	Sequence 5915, Ap
15	70	81.4	73	4	US-10-425-115-208567	Sequence 208567,
16	70	81.4	88	4	US-10-425-115-294867	Sequence 294867,
17	70	81.4	111	4	US-10-425-115-293770	Sequence 293770,
18	70	81.4	115	4	US-10-425-115-337892	Sequence 337892,
19	70	81.4	116	4	US-10-424-599-233524	Sequence 233524,
20	70	81.4	143	4	US-10-425-114-52164	Sequence 52164, A
21	70	81.4	146	4	US-10-424-599-191916	Sequence 191916,
22	70	81.4	175	4	US-10-767-701-40315	Sequence 40315, A
23	70	81.4	187	4	US-10-424-599-165088	Sequence 165088,
24	70	81.4	192	4	US-10-424-599-237535	Sequence 237535,
25	70	81.4	201	5	US-10-732-923-9541	Sequence 9541, Ap
26	70	81.4	203	4	US-10-425-114-60728	Sequence 60728, A
27	70	81.4	241	4	US-10-425-115-289174	Sequence 289174,
28	70	81.4	318	4	US-10-425-115-239397	Sequence 239397,
29	70	81.4	331	6	US-11-096-568A-27770	Sequence 27770, A
30	70	81.4	336	4	US-10-425-115-295968	Sequence 295968,
31	70	81.4	336	6	US-11-096-568A-20392	Sequence 20392, A
32	70	81.4	336	6	US-11-096-568A-25864	Sequence 25864, A
33	70	81.4	345	5	US-10-739-930-10685	Sequence 10685, A
34	70	81.4	346	4	US-10-425-115-207708	Sequence 207708,
35	70	81.4	349	4	US-10-437-963-190832	Sequence 190832,
36	70	81.4	362	4	US-10-437-963-190831	Sequence 190831,
37	70	81.4	362	4	US-10-425-115-289176	Sequence 289176,
38	70	81.4	362	6	US-11-096-568A-24299	Sequence 24299, A
39	70	81.4	371	4	US-10-425-114-47700	Sequence 47700, A
40	70	81.4	383	4	US-10-437-963-108162	Sequence 108162,
41	70	81.4	387	4	US-10-425-114-60791	Sequence 60791, A
42	70	81.4	388	4	US-10-425-114-46994	Sequence 46994, A
43	70	81.4	388	4	US-10-425-114-58689	Sequence 58689, A
44	70	81.4	390	4	US-10-425-114-52134	Sequence 52134, A
45	70	81.4	402	6	US-11-096-568A-24298	Sequence 24298, A
46	70	81.4	404	4	US-10-425-114-59964	Sequence 59964, A
47	70	81.4	411	4	US-10-101-464A-982	Sequence 982, App
48	70	81.4	411	4	US-10-425-114-46080	Sequence 46080, A
49	70	81.4	411	5	US-10-864-252-982	Sequence 982, App
50	70	81.4	414	6	US-11-096-568A-20391	Sequence 20391, A
51	70	81.4	430	6	US-11-096-568A-25863	Sequence 25863, A
52	70	81.4	448	4	US-10-437-963-107973	Sequence 107973,
53	70	81.4	472	4	US-10-425-115-257291	Sequence 257291,
54	70	81.4	497	4	US-10-425-114-51930	Sequence 51930, A
55	68	79.1	82	4	US-10-424-599-209311	Sequence 209311,
56	68	79.1	174	4	US-10-424-599-209313	Sequence 209313,
57	68	79.1	540	6	US-11-097-143-5001	Sequence 5001, Ap
58	67	77.9	248	4	US-10-424-599-191917	Sequence 191917,
59	67	77.9	273	4	US-10-437-963-157461	Sequence 157461,
60	67	77.9	276	4	US-10-424-599-191915	Sequence 191915,
61	67	77.9	276	6	US-11-096-568A-8289	Sequence 8289, Ap
62	67	77.9	289	4	US-10-424-599-192793	Sequence 192793,

# SCORE Search Results Details for Application 10001938 and Search Result us-10-001-938-12.rapbn.

<a href="#">Score Home Page</a>	<a href="#">Retrieve Application List</a>	<a href="#">SCORE System Overview</a>	<a href="#">SCORE FAQ</a>	<a href="#">Comments / Suggestions</a>
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This page gives you Search Results detail for the Application 10001938 and Search Result us-10-001-938-12.rapbn.

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OM protein - protein search, using sw model

Run on: June 2, 2006, 19:44:08 ; Search time 3.1 Seconds  
(without alignments)  
55.960 Million cell updates/sec

Title: US-10-001-938-12  
Perfect score: 86  
Sequence: 1 KKAYRRKALQWHPDK 15

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 58871 seqs, 11565156 residues

Total number of hits satisfying chosen parameters: 58871

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 1000 summaries

Database : Published\_Applications\_AA\_New:\*  
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3: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US07\_NEW\_PUB.pep:\*  
4: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US08\_NEW\_PUB.pep:\*  
5: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/PCT\_NEW\_PUB.pep:\*  
6: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US10\_NEW\_PUB.pep:\*  
7: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US11\_NEW\_PUB.pep:\*  
8: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US60\_NEW\_PUB.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result	% Query
--------	------------

No.	Score	Match	Length	DB	ID	Description
1	86	100.0	15	6	US-10-490-949-21	Sequence 21, Appl
2	73	84.9	465	6	US-10-953-349-8070	Sequence 8070, Ap
3	73	84.9	473	6	US-10-953-349-8069	Sequence 8069, Ap
4	73	84.9	482	6	US-10-953-349-8068	Sequence 8068, Ap
5	71	82.6	349	6	US-10-953-349-948	Sequence 948, App
6	70	81.4	335	6	US-10-953-349-2182	Sequence 2182, Ap
7	70	81.4	336	6	US-10-953-349-33810	Sequence 33810, A
8	70	81.4	343	6	US-10-953-349-2181	Sequence 2181, Ap
9	70	81.4	430	6	US-10-953-349-33809	Sequence 33809, A
10	66	76.7	15	6	US-10-490-949-22	Sequence 22, Appl
11	66	76.7	504	6	US-10-511-937-2547	Sequence 2547, Ap
12	63	73.3	15	6	US-10-490-949-23	Sequence 23, Appl
13	63	73.3	397	7	US-11-293-697-3837	Sequence 3837, Ap
14	59	68.6	119	6	US-10-953-349-28161	Sequence 28161, A
15	59	68.6	147	6	US-10-953-349-28160	Sequence 28160, A
16	59	68.6	155	6	US-10-953-349-28159	Sequence 28159, A
17	59	68.6	190	6	US-10-953-349-28214	Sequence 28214, A
18	59	68.6	191	6	US-10-953-349-28213	Sequence 28213, A
19	59	68.6	426	7	US-11-293-697-4751	Sequence 4751, Ap
20	58	67.4	95	6	US-10-953-349-31080	Sequence 31080, A
21	58	67.4	156	6	US-10-953-349-5018	Sequence 5018, Ap
22	56	65.1	420	6	US-10-953-349-13709	Sequence 13709, A
23	55	64.0	15	6	US-10-490-949-3	Sequence 3, Appli
24	55	64.0	340	6	US-10-953-349-24393	Sequence 24393, A
25	55	64.0	427	6	US-10-953-349-24392	Sequence 24392, A
26	55	64.0	445	6	US-10-953-349-24391	Sequence 24391, A
27	55	64.0	530	6	US-10-953-349-20585	Sequence 20585, A
28	54	62.8	199	6	US-10-953-349-9116	Sequence 9116, Ap
29	54	62.8	248	6	US-10-953-349-9115	Sequence 9115, Ap
30	53	61.6	305	6	US-10-953-349-23847	Sequence 23847, A
31	53	61.6	317	6	US-10-953-349-11729	Sequence 11729, A
32	53	61.6	417	6	US-10-953-349-16377	Sequence 16377, A
33	53	61.6	419	6	US-10-953-349-1054	Sequence 1054, Ap
34	52	60.5	273	6	US-10-953-349-4464	Sequence 4464, Ap
35	52	60.5	349	6	US-10-953-349-4463	Sequence 4463, Ap
36	52	60.5	367	6	US-10-953-349-4462	Sequence 4462, Ap
37	51	59.3	391	6	US-10-953-349-7627	Sequence 7627, Ap
38	49	57.0	250	6	US-10-953-349-22808	Sequence 22808, A
39	49	57.0	389	7	US-11-122-986-185	Sequence 185, App
40	49	57.0	389	7	US-11-122-986-187	Sequence 187, App
41	48	55.8	379	6	US-10-953-349-11645	Sequence 11645, A
42	47	54.7	422	6	US-10-953-349-17849	Sequence 17849, A
43	47	54.7	453	6	US-10-953-349-17848	Sequence 17848, A
44	47	54.7	467	6	US-10-953-349-17847	Sequence 17847, A
45	47	54.7	583	6	US-10-953-349-35418	Sequence 35418, A
46	47	54.7	630	6	US-10-953-349-35417	Sequence 35417, A
47	46	53.5	313	6	US-10-953-349-23774	Sequence 23774, A
48	46	53.5	334	6	US-10-953-349-23773	Sequence 23773, A
49	46	53.5	380	6	US-10-953-349-7175	Sequence 7175, Ap
50	46	53.5	391	6	US-10-953-349-7174	Sequence 7174, Ap
51	46	53.5	442	6	US-10-953-349-7173	Sequence 7173, Ap
52	46	53.5	605	6	US-10-953-349-2076	Sequence 2076, Ap
53	46	53.5	619	6	US-10-953-349-2075	Sequence 2075, Ap
54	46	53.5	630	6	US-10-953-349-2074	Sequence 2074, Ap
55	45	52.3	138	6	US-10-953-349-39107	Sequence 39107, A
56	45	52.3	174	6	US-10-953-349-39106	Sequence 39106, A
57	45	52.3	338	6	US-10-953-349-20361	Sequence 20361, A
58	45	52.3	385	6	US-10-953-349-20360	Sequence 20360, A
59	45	52.3	488	6	US-10-953-349-20359	Sequence 20359, A



# SCORE Search Results Details for Application 10001938 and Search Result us-10-001-938-13.

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This page gives you Search Results detail for the Application 10001938 and Search Result us-10-001-938-13.rai.

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OM protein - protein search, using sw model

Run on: June 2, 2006, 19:12:07 ; Search time 12.7 Seconds  
(without alignments)  
103.383 Million cell updates/sec

Title: US-10-001-938-13  
Perfect score: 82  
Sequence: 1 KRAYRRQALRYHPDK 15

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 650591 seqs, 87530628 residues

Total number of hits satisfying chosen parameters: 650591

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 1000 summaries

Database : Issued\_Patents\_AA:\*  
1: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/5\_COMB.pep:\*  
2: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/6\_COMB.pep:\*  
3: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/7\_COMB.pep:\*  
4: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/H\_COMB.pep:\*  
5: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/PCTUS\_COMB.pep:\*  
6: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/RE\_COMB.pep:\*  
7: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/backfiles1.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	% Match	Query Length	DB ID	Description
1	82	100.0	340	1	US-08-974-546-5 Sequence 5, Appli
2	82	100.0	340	2	US-09-949-016-6691 Sequence 6691, Ap

3	82	100.0	363	2	US-09-949-016-8899	Sequence 8899, Ap
4	69	84.1	334	3	US-10-429-223-3	Sequence 3, Appli
5	69	84.1	337	2	US-09-665-479A-8	Sequence 8, Appli
6	68	82.9	348	1	US-08-974-546-1	Sequence 1, Appli
7	67	81.7	54	1	US-08-346-849-13	Sequence 13, Appl
8	67	81.7	54	1	US-08-293-284A-13	Sequence 13, Appl
9	67	81.7	54	2	US-08-898-300-13	Sequence 13, Appl
10	67	81.7	54	2	US-08-824-513-13	Sequence 13, Appl
11	67	81.7	347	2	US-09-248-796A-19195	Sequence 19195, A
12	67	81.7	397	2	US-09-248-796A-17628	Sequence 17628, A
13	66	80.5	87	2	US-09-882-835-4	Sequence 4, Appli
14	66	80.5	102	2	US-09-513-999C-5137	Sequence 5137, Ap
15	66	80.5	127	2	US-09-370-838-199	Sequence 199, App
16	66	80.5	127	2	US-09-854-133-199	Sequence 199, App
17	66	80.5	277	1	US-08-868-288A-7	Sequence 7, Appli
18	66	80.5	277	2	US-09-235-373-7	Sequence 7, Appli
19	66	80.5	277	2	US-09-388-993-7	Sequence 7, Appli
20	66	80.5	277	2	US-09-501-714-7	Sequence 7, Appli
21	66	80.5	327	2	US-09-949-016-11262	Sequence 11262, A
22	66	80.5	351	1	US-08-868-288A-6	Sequence 6, Appli
23	66	80.5	351	2	US-09-235-373-6	Sequence 6, Appli
24	66	80.5	351	2	US-09-388-993-6	Sequence 6, Appli
25	66	80.5	351	2	US-09-501-714-6	Sequence 6, Appli
26	66	80.5	397	1	US-08-868-288A-5	Sequence 5, Appli
27	66	80.5	397	2	US-09-235-373-5	Sequence 5, Appli
28	66	80.5	397	2	US-09-388-993-5	Sequence 5, Appli
29	66	80.5	397	2	US-09-919-039-178	Sequence 178, App
30	66	80.5	397	2	US-09-538-092-1052	Sequence 1052, Ap
31	66	80.5	397	2	US-09-501-714-5	Sequence 5, Appli
32	66	80.5	397	3	US-10-429-223-2	Sequence 2, Appli
33	66	80.5	397	3	US-10-429-223-4	Sequence 4, Appli
34	66	80.5	734	2	US-09-248-796A-16776	Sequence 16776, A
35	65	79.3	51	1	US-08-346-849-12	Sequence 12, Appl
36	65	79.3	51	1	US-08-293-284A-12	Sequence 12, Appl
37	65	79.3	51	2	US-08-898-300-12	Sequence 12, Appl
38	65	79.3	51	2	US-08-824-513-12	Sequence 12, Appl
39	64	78.0	380	2	US-09-543-681A-5912	Sequence 5912, Ap
40	64	78.0	381	2	US-09-252-991A-27174	Sequence 27174, A
41	63	76.8	49	1	US-08-346-849-11	Sequence 11, Appl
42	63	76.8	49	1	US-08-293-284A-11	Sequence 11, Appl
43	63	76.8	49	2	US-08-898-300-11	Sequence 11, Appl
44	63	76.8	49	2	US-08-824-513-11	Sequence 11, Appl
45	63	76.8	99	2	US-09-248-796A-19786	Sequence 19786, A
46	63	76.8	147	2	US-09-270-767-33311	Sequence 33311, A
47	63	76.8	147	2	US-09-270-767-48528	Sequence 48528, A
48	63	76.8	392	2	US-09-198-452A-48	Sequence 48, Appl
49	63	76.8	406	2	US-09-438-185A-34	Sequence 34, Appl
50	62	75.6	52	1	US-08-346-849-10	Sequence 10, Appl
51	62	75.6	52	1	US-08-293-284A-10	Sequence 10, Appl
52	62	75.6	52	2	US-08-898-300-10	Sequence 10, Appl
53	62	75.6	52	2	US-08-824-513-10	Sequence 10, Appl
54	62	75.6	147	2	US-09-513-999C-6925	Sequence 6925, Ap
55	62	75.6	286	2	US-09-248-796A-16992	Sequence 16992, A
56	61	74.4	330	1	US-08-868-288A-3	Sequence 3, Appli
57	61	74.4	330	2	US-09-235-373-3	Sequence 3, Appli
58	61	74.4	330	2	US-09-388-993-3	Sequence 3, Appli
59	61	74.4	330	2	US-09-501-714-3	Sequence 3, Appli
60	61	74.4	375	2	US-09-328-352-4984	Sequence 4984, Ap
61	61	74.4	380	2	US-09-489-039A-9011	Sequence 9011, Ap
62	60	73.2	308	2	US-09-248-796A-19781	Sequence 19781, A
63	60	73.2	411	2	US-10-101-464A-982	Sequence 982, App

# SCORE Search Results Details for Application 10001938 and Search Result us-10-001-938-13.rapbm.

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GenCore version 5.1.9  
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OM protein - protein search, using sw model

Run on: June 2, 2006, 19:45:16 ; Search time 63.4 Seconds  
(without alignments)  
109.593 Million cell updates/sec

Title: US-10-001-938-13  
Perfect score: 82  
Sequence: 1 KRAYRRQALRYHPDK 15

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 2097797 seqs, 463214858 residues

Total number of hits satisfying chosen parameters: 2097797

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 1000 summaries

Database : Published\_Applications\_AA\_Main:  
1: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US07\_PUBCOMB.pep:\*  
2: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US08\_PUBCOMB.pep:\*  
3: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US09\_PUBCOMB.pep:\*  
4: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US10A\_PUBCOMB.pep:\*  
5: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US10B\_PUBCOMB.pep:\*  
6: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US11\_PUBCOMB.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	% Match	Query Length	DB ID	Description
1	82	100.0	15	4	US-10-001-938-13 Sequence 13, Appl

2	82	100.0	70	6	US-11-047-063-1	Sequence 1, Appli
3	82	100.0	340	4	US-10-116-275-134	Sequence 134, App
4	82	100.0	340	4	US-10-116-275-135	Sequence 135, App
5	82	100.0	340	5	US-10-871-388-5	Sequence 5, Appli
6	82	100.0	340	5	US-10-792-571-16	Sequence 16, Appl
7	82	100.0	340	6	US-11-047-063-2	Sequence 2, Appli
8	82	100.0	377	5	US-10-450-763-48884	Sequence 48884, A
9	73	89.0	405	5	US-10-450-763-48886	Sequence 48886, A
10	70	85.4	128	6	US-11-097-143-15807	Sequence 15807, A
11	69	84.1	193	3	US-09-925-301-983	Sequence 983, App
12	69	84.1	224	4	US-10-424-599-280547	Sequence 280547,
13	69	84.1	334	4	US-10-429-223-3	Sequence 3, Appli
14	69	84.1	335	6	US-11-097-143-10161	Sequence 10161, A
15	69	84.1	337	4	US-10-788-792-162	Sequence 162, App
16	69	84.1	344	4	US-10-424-599-280548	Sequence 280548,
17	69	84.1	346	5	US-10-739-930-5798	Sequence 5798, Ap
18	68	82.9	138	3	US-09-764-868-786	Sequence 786, App
19	68	82.9	342	6	US-11-097-143-3567	Sequence 3567, Ap
20	68	82.9	348	5	US-10-871-388-1	Sequence 1, Appli
21	67	81.7	54	4	US-10-390-472-13	Sequence 13, Appl
22	67	81.7	158	4	US-10-425-114-48912	Sequence 48912, A
23	67	81.7	170	4	US-10-767-701-59629	Sequence 59629, A
24	67	81.7	268	4	US-10-425-115-232395	Sequence 232395,
25	67	81.7	326	4	US-10-425-115-300448	Sequence 300448,
26	67	81.7	329	4	US-10-437-963-123301	Sequence 123301,
27	66	80.5	15	4	US-10-001-938-12	Sequence 12, Appl
28	66	80.5	15	4	US-10-001-938-14	Sequence 14, Appl
29	66	80.5	66	6	US-11-039-722-7	Sequence 7, Appli
30	66	80.5	87	4	US-10-145-586-48	Sequence 48, Appl
31	66	80.5	127	3	US-09-738-973-199	Sequence 199, App
32	66	80.5	127	3	US-09-854-133-199	Sequence 199, App
33	66	80.5	127	4	US-10-144-649A-199	Sequence 199, App
34	66	80.5	150	4	US-10-425-115-206200	Sequence 206200,
35	66	80.5	154	4	US-10-424-599-217994	Sequence 217994,
36	66	80.5	329	4	US-10-425-115-319609	Sequence 319609,
37	66	80.5	334	4	US-10-161-051-134	Sequence 134, App
38	66	80.5	334	6	US-11-097-143-22242	Sequence 22242, A
39	66	80.5	347	4	US-10-437-963-150219	Sequence 150219,
40	66	80.5	350	5	US-10-739-930-9807	Sequence 9807, Ap
41	66	80.5	379	4	US-10-369-493-22783	Sequence 22783, A
42	66	80.5	395	6	US-11-079-463-9803	Sequence 9803, Ap
43	66	80.5	397	3	US-09-919-039-178	Sequence 178, App
44	66	80.5	397	4	US-10-108-260A-3837	Sequence 3837, Ap
45	66	80.5	397	4	US-10-429-223-2	Sequence 2, Appli
46	66	80.5	397	4	US-10-429-223-4	Sequence 4, Appli
47	66	80.5	397	5	US-10-473-127-1138	Sequence 1138, Ap
48	66	80.5	397	5	US-10-473-127-1139	Sequence 1139, Ap
49	66	80.5	397	5	US-10-473-127-1140	Sequence 1140, Ap
50	66	80.5	397	5	US-10-473-127-1143	Sequence 1143, Ap
51	66	80.5	397	5	US-10-473-127-1144	Sequence 1144, Ap
52	66	80.5	397	5	US-10-473-127-1145	Sequence 1145, Ap
53	66	80.5	397	5	US-10-756-149-4727	Sequence 4727, Ap
54	66	80.5	397	5	US-10-631-467-559	Sequence 559, App
55	66	80.5	397	5	US-10-631-467-1386	Sequence 1386, Ap
56	66	80.5	397	5	US-10-878-556A-155	Sequence 155, App
57	66	80.5	403	6	US-11-097-143-24405	Sequence 24405, A
58	66	80.5	403	6	US-11-097-143-41904	Sequence 41904, A
59	66	80.5	408	5	US-10-450-763-40099	Sequence 40099, A
60	65	79.3	51	4	US-10-390-472-12	Sequence 12, Appl
61	65	79.3	119	4	US-10-389-566-776	Sequence 776, App
62	65	79.3	171	4	US-10-425-115-211529	Sequence 211529,

# SCORE Search Results Details for Application 10001938 and Search Result us-10-001-938-13.rapbn.

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GenCore version 5.1.9  
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OM protein - protein search, using sw model

Run on: June 2, 2006, 19:44:08 ; Search time 3.1 Seconds  
(without alignments)  
55.960 Million cell updates/sec

Title: US-10-001-938-13  
Perfect score: 82  
Sequence: 1 KRAYRRQALRYHPDK 15

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 58871 seqs, 11565156 residues

Total number of hits satisfying chosen parameters: 58871

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 1000 summaries

Database : Published\_Applications\_AA\_New:\*  
1: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US09\_NEW\_PUB.pep:\*  
2: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US06\_NEW\_PUB.pep:\*  
3: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US07\_NEW\_PUB.pep:\*  
4: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US08\_NEW\_PUB.pep:\*  
5: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/PCT\_NEW\_PUB.pep:\*  
6: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US10\_NEW\_PUB.pep:\*  
7: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US11\_NEW\_PUB.pep:\*  
8: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US60\_NEW\_PUB.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result %  
Query



No.	Score	Match	Length	DB	ID	Description
1	82	100.0	15	6	US-10-490-949-22	Sequence 22, Appl
2	66	80.5	15	6	US-10-490-949-21	Sequence 21, Appl
3	66	80.5	15	6	US-10-490-949-23	Sequence 23, Appl
4	66	80.5	397	7	US-11-293-697-3837	Sequence 3837, Ap
5	62	75.6	336	6	US-10-953-349-33810	Sequence 33810, A
6	62	75.6	430	6	US-10-953-349-33809	Sequence 33809, A
7	61	74.4	349	6	US-10-953-349-948	Sequence 948, App
8	59	72.0	199	6	US-10-953-349-9116	Sequence 9116, Ap
9	59	72.0	248	6	US-10-953-349-9115	Sequence 9115, Ap
10	59	72.0	335	6	US-10-953-349-2182	Sequence 2182, Ap
11	59	72.0	343	6	US-10-953-349-2181	Sequence 2181, Ap
12	58	70.7	15	6	US-10-490-949-3	Sequence 3, Appli
13	58	70.7	530	6	US-10-953-349-20585	Sequence 20585, A
14	57	69.5	426	7	US-11-293-697-4751	Sequence 4751, Ap
15	57	69.5	465	6	US-10-953-349-8070	Sequence 8070, Ap
16	57	69.5	473	6	US-10-953-349-8069	Sequence 8069, Ap
17	57	69.5	482	6	US-10-953-349-8068	Sequence 8068, Ap
18	56	68.3	305	6	US-10-953-349-23847	Sequence 23847, A
19	56	68.3	420	6	US-10-953-349-13709	Sequence 13709, A
20	54	65.9	119	6	US-10-953-349-28161	Sequence 28161, A
21	54	65.9	147	6	US-10-953-349-28160	Sequence 28160, A
22	54	65.9	155	6	US-10-953-349-28159	Sequence 28159, A
23	54	65.9	190	6	US-10-953-349-28214	Sequence 28214, A
24	54	65.9	191	6	US-10-953-349-28213	Sequence 28213, A
25	53	64.6	417	6	US-10-953-349-16377	Sequence 16377, A
26	53	64.6	419	6	US-10-953-349-1054	Sequence 1054, Ap
27	52	63.4	273	6	US-10-953-349-4464	Sequence 4464, Ap
28	52	63.4	349	6	US-10-953-349-4463	Sequence 4463, Ap
29	52	63.4	367	6	US-10-953-349-4462	Sequence 4462, Ap
30	52	63.4	389	7	US-11-122-986-185	Sequence 185, App
31	52	63.4	389	7	US-11-122-986-187	Sequence 187, App
32	51	62.2	189	7	US-11-293-697-4556	Sequence 4556, Ap
33	50	61.0	95	6	US-10-953-349-31080	Sequence 31080, A
34	50	61.0	156	6	US-10-953-349-5018	Sequence 5018, Ap
35	50	61.0	333	6	US-10-953-349-2863	Sequence 2863, Ap
36	50	61.0	333	6	US-10-953-349-11247	Sequence 11247, A
37	50	61.0	340	6	US-10-953-349-24393	Sequence 24393, A
38	50	61.0	380	6	US-10-953-349-7175	Sequence 7175, Ap
39	50	61.0	391	6	US-10-953-349-7174	Sequence 7174, Ap
40	50	61.0	427	6	US-10-953-349-24392	Sequence 24392, A
41	50	61.0	442	6	US-10-953-349-7173	Sequence 7173, Ap
42	50	61.0	445	6	US-10-953-349-24391	Sequence 24391, A
43	50	61.0	504	6	US-10-511-937-2547	Sequence 2547, Ap
44	50	61.0	583	6	US-10-953-349-35418	Sequence 35418, A
45	50	61.0	630	6	US-10-953-349-35417	Sequence 35417, A
46	49	59.8	110	6	US-10-953-349-54	Sequence 54, Appl
47	49	59.8	124	6	US-10-953-349-53	Sequence 53, Appl
48	49	59.8	162	6	US-10-953-349-52	Sequence 52, Appl
49	49	59.8	605	6	US-10-953-349-2076	Sequence 2076, Ap
50	49	59.8	619	6	US-10-953-349-2075	Sequence 2075, Ap
51	49	59.8	630	6	US-10-953-349-2074	Sequence 2074, Ap
52	48	58.5	338	6	US-10-953-349-20361	Sequence 20361, A
53	48	58.5	385	6	US-10-953-349-20360	Sequence 20360, A
54	48	58.5	488	6	US-10-953-349-20359	Sequence 20359, A
55	47	57.3	250	6	US-10-953-349-22808	Sequence 22808, A
56	46	56.1	313	6	US-10-953-349-23774	Sequence 23774, A
57	46	56.1	334	6	US-10-953-349-23773	Sequence 23773, A
58	45	54.9	317	6	US-10-953-349-11729	Sequence 11729, A
59	45	54.9	422	6	US-10-953-349-17849	Sequence 17849, A

# SCORE Search Results Details for Application 10001938 and Search Result us-10-001-938-14.

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OM protein - protein search, using sw model

Run on: June 2, 2006, 19:08:52 ; Search time 11.4238 Seconds  
(without alignments)  
114.932 Million cell updates/sec

Title: US-10-001-938-14  
Perfect score: 81  
Sequence: 1 KKAYRKLALKYHPDK 15

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 650591 seqs, 87530628 residues

Total number of hits satisfying chosen parameters: 650591

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 1000 summaries

Database : Issued\_Patents\_AA:\*  
1: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/5\_COMB.pep:\*  
2: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/6\_COMB.pep:\*  
3: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/7\_COMB.pep:\*  
4: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/H\_COMB.pep:\*  
5: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/PCTUS\_COMB.pep:\*  
6: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/RE\_COMB.pep:\*  
7: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/backfiles1.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	% Match	Query Length	DB	ID	Description
1	81	100.0	87	2	US-09-882-835-4	Sequence 4, Appli
2	81	100.0	102	2	US-09-513-999C-5137	Sequence 5137, Ap

3	81	100.0	127	2	US-09-370-838-199	Sequence 199, App
4	81	100.0	127	2	US-09-854-133-199	Sequence 199, App
5	81	100.0	397	1	US-08-868-288A-5	Sequence 5, Appli
6	81	100.0	397	2	US-09-235-373-5	Sequence 5, Appli
7	81	100.0	397	2	US-09-388-993-5	Sequence 5, Appli
8	81	100.0	397	2	US-09-919-039-178	Sequence 178, App
9	81	100.0	397	2	US-09-538-092-1052	Sequence 1052, Ap
10	81	100.0	397	2	US-09-501-714-5	Sequence 5, Appli
11	81	100.0	397	3	US-10-429-223-2	Sequence 2, Appli
12	81	100.0	397	3	US-10-429-223-4	Sequence 4, Appli
13	79	97.5	348	1	US-08-974-546-1	Sequence 1, Appli
14	78	96.3	392	2	US-09-198-452A-48	Sequence 48, Appl
15	78	96.3	406	2	US-09-438-185A-34	Sequence 34, Appl
16	77	95.1	52	1	US-08-346-849-10	Sequence 10, Appl
17	77	95.1	52	1	US-08-293-284A-10	Sequence 10, Appl
18	77	95.1	52	2	US-08-898-300-10	Sequence 10, Appl
19	77	95.1	52	2	US-08-824-513-10	Sequence 10, Appl
20	77	95.1	147	2	US-09-513-999C-6925	Sequence 6925, Ap
21	76	93.8	51	1	US-08-346-849-12	Sequence 12, Appl
22	76	93.8	51	1	US-08-293-284A-12	Sequence 12, Appl
23	76	93.8	51	2	US-08-898-300-12	Sequence 12, Appl
24	76	93.8	51	2	US-08-824-513-12	Sequence 12, Appl
25	76	93.8	330	1	US-08-868-288A-3	Sequence 3, Appli
26	76	93.8	330	2	US-09-235-373-3	Sequence 3, Appli
27	76	93.8	330	2	US-09-388-993-3	Sequence 3, Appli
28	76	93.8	330	2	US-09-501-714-3	Sequence 3, Appli
29	76	93.8	347	2	US-09-248-796A-19195	Sequence 19195, A
30	76	93.8	375	2	US-09-328-352-4984	Sequence 4984, Ap
31	76	93.8	397	2	US-09-248-796A-17628	Sequence 17628, A
32	73	90.1	381	2	US-09-252-991A-27174	Sequence 27174, A
33	72	88.9	49	1	US-08-346-849-11	Sequence 11, Appl
34	72	88.9	49	1	US-08-293-284A-11	Sequence 11, Appl
35	72	88.9	49	2	US-08-898-300-11	Sequence 11, Appl
36	72	88.9	49	2	US-08-824-513-11	Sequence 11, Appl
37	71	87.7	75	2	US-09-513-999C-6016	Sequence 6016, Ap
38	71	87.7	334	3	US-10-429-223-3	Sequence 3, Appli
39	71	87.7	337	2	US-09-665-479A-8	Sequence 8, Appli
40	70	86.4	96	2	US-09-621-976-4045	Sequence 4045, Ap
41	70	86.4	199	2	US-09-248-796A-16959	Sequence 16959, A
42	70	86.4	223	2	US-09-658-644-4	Sequence 4, Appli
43	70	86.4	223	2	US-09-949-016-6832	Sequence 6832, Ap
44	70	86.4	267	2	US-09-949-016-11497	Sequence 11497, A
45	70	86.4	320	2	US-09-328-352-7937	Sequence 7937, Ap
46	70	86.4	380	2	US-09-489-039A-9011	Sequence 9011, Ap
47	70	86.4	382	2	US-09-603-208A-40	Sequence 40, Appl
48	70	86.4	391	2	US-09-902-540-11110	Sequence 11110, A
49	70	86.4	407	2	US-09-540-236-2899	Sequence 2899, Ap
50	69	85.2	734	2	US-09-248-796A-16776	Sequence 16776, A
51	68	84.0	153	2	US-09-621-976-5129	Sequence 5129, Ap
52	67	82.7	52	1	US-08-346-849-8	Sequence 8, Appli
53	67	82.7	52	1	US-08-293-284A-8	Sequence 8, Appli
54	67	82.7	52	2	US-08-898-300-8	Sequence 8, Appli
55	67	82.7	52	2	US-08-824-513-8	Sequence 8, Appli
56	67	82.7	54	1	US-08-346-849-13	Sequence 13, Appl
57	67	82.7	54	1	US-08-293-284A-13	Sequence 13, Appl
58	67	82.7	54	2	US-08-898-300-13	Sequence 13, Appl
59	67	82.7	54	2	US-08-824-513-13	Sequence 13, Appl
60	67	82.7	95	2	US-09-248-796A-19797	Sequence 19797, A
61	67	82.7	131	2	US-09-553-498-4	Sequence 4, Appli
62	67	82.7	131	2	US-09-618-869-4	Sequence 4, Appli
63	67	82.7	206	2	US-09-830-230A-294	Sequence 294, App

# SCORE Search Results Details for Application 10001938 and Search Result us-10-001-938 14.rapbm.

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This page gives you Search Results detail for the Application 10001938 and Search Result us-10-001-938 14.rapbm.

[start](#)

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GenCore version 5.1.9  
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OM protein - protein search, using sw model

Run on: June 2, 2006, 19:29:53 ; Search time 75.9934 Seconds  
(without alignments)  
91.432 Million cell updates/sec

Title: US-10-001-938-14  
Perfect score: 81  
Sequence: 1 KKAYRKLALKYHPDK 15

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 2097797 seqs, 463214858 residues

Total number of hits satisfying chosen parameters: 2097797

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 1000 summaries

Database : Published\_Applications\_AA\_Main:\*  
1: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US07\_PUBCOMB.pep:\*  
2: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US08\_PUBCOMB.pep:\*  
3: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US09\_PUBCOMB.pep:\*  
4: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US10A\_PUBCOMB.pep:\*  
5: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US10B\_PUBCOMB.pep:\*  
6: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US11\_PUBCOMB.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	% Match	Query Length	ID	Description
1	81	100.0	15	4 US-10-001-938-14	Sequence 14, Appl

2	81	100.0	66	6	US-11-039-722-7	Sequence 7, Appli
3	81	100.0	87	4	US-10-145-586-48	Sequence 48, Appl
4	81	100.0	127	3	US-09-738-973-199	Sequence 199, App
5	81	100.0	127	3	US-09-854-133-199	Sequence 199, App
6	81	100.0	127	4	US-10-144-649A-199	Sequence 199, App
7	81	100.0	150	4	US-10-425-115-206200	Sequence 206200,
8	81	100.0	154	4	US-10-424-599-217994	Sequence 217994,
9	81	100.0	334	4	US-10-161-051-134	Sequence 134, App
10	81	100.0	334	6	US-11-097-143-22242	Sequence 22242, A
11	81	100.0	379	4	US-10-369-493-22783	Sequence 22783, A
12	81	100.0	397	3	US-09-919-039-178	Sequence 178, App
13	81	100.0	397	4	US-10-108-260A-3837	Sequence 3837, Ap
14	81	100.0	397	4	US-10-429-223-2	Sequence 2, Appli
15	81	100.0	397	4	US-10-429-223-4	Sequence 4, Appli
16	81	100.0	397	5	US-10-473-127-1138	Sequence 1138, Ap
17	81	100.0	397	5	US-10-473-127-1139	Sequence 1139, Ap
18	81	100.0	397	5	US-10-473-127-1140	Sequence 1140, Ap
19	81	100.0	397	5	US-10-473-127-1143	Sequence 1143, Ap
20	81	100.0	397	5	US-10-473-127-1144	Sequence 1144, Ap
21	81	100.0	397	5	US-10-473-127-1145	Sequence 1145, Ap
22	81	100.0	397	5	US-10-756-149-4727	Sequence 4727, Ap
23	81	100.0	397	5	US-10-631-467-559	Sequence 559, App
24	81	100.0	397	5	US-10-631-467-1386	Sequence 1386, Ap
25	81	100.0	397	5	US-10-878-556A-155	Sequence 155, App
26	81	100.0	403	6	US-11-097-143-24405	Sequence 24405, A
27	81	100.0	403	6	US-11-097-143-41904	Sequence 41904, A
28	81	100.0	408	5	US-10-450-763-40099	Sequence 40099, A
29	79	97.5	138	3	US-09-764-868-786	Sequence 786, App
30	79	97.5	348	5	US-10-871-388-1	Sequence 1, Appli
31	79	97.5	485	4	US-10-369-493-12487	Sequence 12487, A
32	78	96.3	183	3	US-09-764-868-787	Sequence 787, App
33	78	96.3	198	5	US-10-494-921-51	Sequence 51, Appl
34	78	96.3	224	4	US-10-424-599-280547	Sequence 280547,
35	78	96.3	335	6	US-11-097-143-10161	Sequence 10161, A
36	78	96.3	344	4	US-10-424-599-280548	Sequence 280548,
37	78	96.3	346	5	US-10-739-930-5798	Sequence 5798, Ap
38	78	96.3	392	4	US-10-289-762-48	Sequence 48, Appl
39	77	95.1	52	4	US-10-390-472-10	Sequence 10, Appl
40	77	95.1	132	3	US-09-764-868-1163	Sequence 1163, Ap
41	77	95.1	220	5	US-10-494-921-52	Sequence 52, Appl
42	77	95.1	223	6	US-11-097-143-41196	Sequence 41196, A
43	77	95.1	249	6	US-11-097-143-24078	Sequence 24078, A
44	77	95.1	276	4	US-10-220-120-320	Sequence 320, App
45	77	95.1	297	3	US-09-764-868-1162	Sequence 1162, Ap
46	77	95.1	373	3	US-09-764-868-789	Sequence 789, App
47	77	95.1	379	5	US-10-489-695-9	Sequence 9, Appli
48	77	95.1	397	3	US-09-989-890-262	Sequence 262, App
49	76	93.8	51	4	US-10-390-472-12	Sequence 12, Appl
50	76	93.8	60	3	US-09-764-868-790	Sequence 790, App
51	76	93.8	60	3	US-09-764-891-3746	Sequence 3746, Ap
52	76	93.8	112	4	US-10-767-701-39994	Sequence 39994, A
53	76	93.8	143	4	US-10-424-599-230584	Sequence 230584,
54	76	93.8	158	4	US-10-425-114-48912	Sequence 48912, A
55	76	93.8	196	5	US-10-450-763-58941	Sequence 58941, A
56	76	93.8	242	4	US-10-264-049-2674	Sequence 2674, Ap
57	76	93.8	255	4	US-10-437-963-123368	Sequence 123368,
58	76	93.8	276	4	US-10-282-122A-47226	Sequence 47226, A
59	76	93.8	326	4	US-10-425-115-300448	Sequence 300448,
60	76	93.8	369	4	US-10-369-493-19646	Sequence 19646, A
61	76	93.8	407	4	US-10-425-115-303598	Sequence 303598,
62	76	93.8	413	4	US-10-425-114-56774	Sequence 56774, A



# SCORE Search Results Details for Application 10001938 and Search Result us-10-001-938-14.rapbn.

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This page gives you Search Results detail for the Application 10001938 and Search Result us-10-001-938-14.rapbn.

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GenCore version 5.1.9  
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OM protein - protein search, using sw model

Run on: June 2, 2006, 19:30:30 ; Search time 3.57616 Seconds  
(without alignments)  
48.509 Million cell updates/sec

Title: US-10-001-938-14  
Perfect score: 81  
Sequence: 1 KKAYRKLALKYHPDK 15

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 58871 seqs, 11565156 residues

Total number of hits satisfying chosen parameters: 58871

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 1000 summaries

Database : Published\_Applications\_AA\_New:\*  
1: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US09\_NEW\_PUB.pep:\*  
2: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US06\_NEW\_PUB.pep:\*  
3: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US07\_NEW\_PUB.pep:\*  
4: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US08\_NEW\_PUB.pep:\*  
5: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/PCT\_NEW\_PUB.pep:\*  
6: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US10\_NEW\_PUB.pep:\*  
7: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US11\_NEW\_PUB.pep:\*  
8: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US60\_NEW\_PUB.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result %  
Query

No.	Score	Match	Length	DB	ID	Description
1	81	100.0	15	6	US-10-490-949-23	Sequence 23, Appl
2	81	100.0	397	7	US-11-293-697-3837	Sequence 3837, Ap
3	74	91.4	335	6	US-10-953-349-2182	Sequence 2182, Ap
4	74	91.4	343	6	US-10-953-349-2181	Sequence 2181, Ap
5	72	88.9	426	7	US-11-293-697-4751	Sequence 4751, Ap
6	71	87.7	305	6	US-10-953-349-23847	Sequence 23847, A
7	71	87.7	336	6	US-10-953-349-33810	Sequence 33810, A
8	71	87.7	430	6	US-10-953-349-33809	Sequence 33809, A
9	69	85.2	465	6	US-10-953-349-8070	Sequence 8070, Ap
10	69	85.2	473	6	US-10-953-349-8069	Sequence 8069, Ap
11	69	85.2	482	6	US-10-953-349-8068	Sequence 8068, Ap
12	67	82.7	15	6	US-10-490-949-3	Sequence 3, Appli
13	67	82.7	273	6	US-10-953-349-4464	Sequence 4464, Ap
14	67	82.7	349	6	US-10-953-349-4463	Sequence 4463, Ap
15	67	82.7	367	6	US-10-953-349-4462	Sequence 4462, Ap
16	67	82.7	389	7	US-11-122-986-185	Sequence 185, App
17	67	82.7	389	7	US-11-122-986-187	Sequence 187, App
18	66	81.5	15	6	US-10-490-949-22	Sequence 22, Appl
19	66	81.5	199	6	US-10-953-349-9116	Sequence 9116, Ap
20	66	81.5	248	6	US-10-953-349-9115	Sequence 9115, Ap
21	66	81.5	349	6	US-10-953-349-948	Sequence 948, App
22	65	80.2	420	6	US-10-953-349-13709	Sequence 13709, A
23	65	80.2	583	6	US-10-953-349-35418	Sequence 35418, A
24	65	80.2	630	6	US-10-953-349-35417	Sequence 35417, A
25	63	77.8	15	6	US-10-490-949-21	Sequence 21, Appl
26	62	76.5	95	6	US-10-953-349-31080	Sequence 31080, A
27	62	76.5	156	6	US-10-953-349-5018	Sequence 5018, Ap
28	62	76.5	417	6	US-10-953-349-16377	Sequence 16377, A
29	62	76.5	419	6	US-10-953-349-1054	Sequence 1054, Ap
30	62	76.5	504	6	US-10-511-937-2547	Sequence 2547, Ap
31	61	75.3	313	6	US-10-953-349-23774	Sequence 23774, A
32	61	75.3	334	6	US-10-953-349-23773	Sequence 23773, A
33	60	74.1	380	6	US-10-953-349-7175	Sequence 7175, Ap
34	60	74.1	391	6	US-10-953-349-7174	Sequence 7174, Ap
35	60	74.1	442	6	US-10-953-349-7173	Sequence 7173, Ap
36	59	72.8	250	6	US-10-953-349-22808	Sequence 22808, A
37	59	72.8	530	6	US-10-953-349-20585	Sequence 20585, A
38	58	71.6	110	6	US-10-953-349-54	Sequence 54, Appl
39	58	71.6	124	6	US-10-953-349-53	Sequence 53, Appl
40	58	71.6	162	6	US-10-953-349-52	Sequence 52, Appl
41	57	70.4	189	7	US-11-293-697-4556	Sequence 4556, Ap
42	56	69.1	333	6	US-10-953-349-2863	Sequence 2863, Ap
43	56	69.1	333	6	US-10-953-349-11247	Sequence 11247, A
44	54	66.7	190	6	US-10-953-349-28214	Sequence 28214, A
45	54	66.7	191	6	US-10-953-349-28213	Sequence 28213, A
46	53	65.4	340	6	US-10-953-349-24393	Sequence 24393, A
47	53	65.4	427	6	US-10-953-349-24392	Sequence 24392, A
48	53	65.4	445	6	US-10-953-349-24391	Sequence 24391, A
49	52	64.2	157	6	US-10-953-349-38105	Sequence 38105, A
50	52	64.2	192	6	US-10-953-349-38104	Sequence 38104, A
51	51	63.0	422	6	US-10-953-349-17849	Sequence 17849, A
52	51	63.0	453	6	US-10-953-349-17848	Sequence 17848, A
53	51	63.0	467	6	US-10-953-349-17847	Sequence 17847, A
54	49	60.5	605	6	US-10-953-349-2076	Sequence 2076, Ap
55	49	60.5	619	6	US-10-953-349-2075	Sequence 2075, Ap
56	49	60.5	630	6	US-10-953-349-2074	Sequence 2074, Ap
57	48	59.3	119	6	US-10-953-349-28161	Sequence 28161, A
58	48	59.3	138	6	US-10-953-349-39107	Sequence 39107, A
59	48	59.3	147	6	US-10-953-349-28160	Sequence 28160, A

# SCORE Search Results Details for Application 10001938 and Search Result us-10-001-938-15

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This page gives you Search Results detail for the Application 10001938 and Search Result us-10-001-938-15.rai.

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GenCore version 5.1.9  
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OM protein - protein search, using sw model

Run on: June 2, 2006, 19:08:52 ; Search time 11.4238 Seconds  
(without alignments)  
114.932 Million cell updates/sec

Title: US-10-001-938-15  
Perfect score: 73  
Sequence: 1 FRSVSTSTTFVQGRR 15

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 650591 seqs, 87530628 residues

Total number of hits satisfying chosen parameters: 650591

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 1000 summaries

Database : Issued\_Patents\_AA:\*  
1: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/5\_COMB.pep:\*  
2: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/6\_COMB.pep:\*  
3: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/7\_COMB.pep:\*  
4: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/H\_COMB.pep:\*  
5: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/PCTUS\_COMB.pep:\*  
6: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/RE\_COMB.pep:\*  
7: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/backfiles1.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	% Match	Query Length	DB ID	Description
1	73	100.0	277	1	US-08-868-288A-7 Sequence 7, Appli
2	73	100.0	277	2	US-09-235-373-7 Sequence 7, Appli

3	73	100.0	277	2	US-09-388-993-7	Sequence 7, Appli
4	73	100.0	277	2	US-09-501-714-7	Sequence 7, Appli
5	73	100.0	327	2	US-09-949-016-11262	Sequence 11262, A
6	73	100.0	351	1	US-08-868-288A-6	Sequence 6, Appli
7	73	100.0	351	2	US-09-235-373-6	Sequence 6, Appli
8	73	100.0	351	2	US-09-388-993-6	Sequence 6, Appli
9	73	100.0	351	2	US-09-501-714-6	Sequence 6, Appli
10	49	67.1	330	1	US-08-868-288A-3	Sequence 3, Appli
11	49	67.1	330	2	US-09-235-373-3	Sequence 3, Appli
12	49	67.1	330	2	US-09-388-993-3	Sequence 3, Appli
13	49	67.1	330	2	US-09-501-714-3	Sequence 3, Appli
14	40	54.8	83	2	US-09-107-433-4269	Sequence 4269, Ap
15	40	54.8	108	2	US-09-107-433-5049	Sequence 5049, Ap
16	38	52.1	269	2	US-09-252-991A-24237	Sequence 24237, A
17	38	52.1	339	2	US-10-104-047-2843	Sequence 2843, Ap
18	38	52.1	540	2	US-10-104-047-3747	Sequence 3747, Ap
19	37	50.7	165	2	US-09-270-767-37910	Sequence 37910, A
20	37	50.7	165	2	US-09-270-767-53127	Sequence 53127, A
21	37	50.7	464	2	US-09-693-746-14	Sequence 14, Appl
22	37	50.7	1271	1	US-08-095-734-2	Sequence 2, Appli
23	37	50.7	1271	1	US-08-444-623-2	Sequence 2, Appli
24	37	50.7	1271	2	US-08-471-869-2	Sequence 2, Appli
25	37	50.7	1271	2	US-09-342-563-2	Sequence 2, Appli
26	37	50.7	1271	5	PCT-US94-08267-2	Sequence 2, Appli
27	36	49.3	102	2	US-09-471-276-1004	Sequence 1004, Ap
28	36	49.3	103	2	US-09-673-395A-348	Sequence 348, App
29	36	49.3	108	2	US-09-107-433-5048	Sequence 5048, Ap
30	36	49.3	108	2	US-09-107-433-5050	Sequence 5050, Ap
31	36	49.3	476	2	US-09-902-540-14917	Sequence 14917, A
32	36	49.3	788	1	US-08-194-338-12	Sequence 12, Appl
33	36	49.3	859	1	US-08-053-614-2	Sequence 2, Appli
34	36	49.3	859	1	US-08-316-397B-2	Sequence 2, Appli
35	36	49.3	859	1	US-09-034-306-2	Sequence 2, Appli
36	36	49.3	859	2	US-09-259-437-2	Sequence 2, Appli
37	36	49.3	859	5	PCT-US93-09782-2	Sequence 2, Appli
38	36	49.3	1041	2	US-09-999-833A-498	Sequence 498, App
39	36	49.3	1041	2	US-09-954-987B-184	Sequence 184, App
40	36	49.3	1041	2	US-09-954-987B-186	Sequence 186, App
41	36	49.3	1041	2	US-10-020-445A-498	Sequence 498, App
42	36	49.3	1041	2	US-09-978-189-498	Sequence 498, App
43	36	49.3	1041	2	US-10-017-085A-498	Sequence 498, App
44	36	49.3	1041	3	US-10-145-129A-498	Sequence 498, App
45	36	49.3	1041	3	US-10-013-929A-498	Sequence 498, App
46	36	49.3	1041	3	US-10-013-917A-498	Sequence 498, App
47	36	49.3	1059	2	US-09-954-987B-187	Sequence 187, App
48	36	49.3	1181	1	US-08-053-614-4	Sequence 4, Appli
49	36	49.3	1181	1	US-08-316-397B-4	Sequence 4, Appli
50	36	49.3	1181	1	US-09-034-306-4	Sequence 4, Appli
51	36	49.3	1181	2	US-09-259-437-4	Sequence 4, Appli
52	36	49.3	1181	5	PCT-US93-09782-4	Sequence 4, Appli
53	35	47.9	80	2	US-09-248-796A-25415	Sequence 25415, A
54	35	47.9	187	2	US-09-248-796A-19489	Sequence 19489, A
55	35	47.9	218	2	US-09-489-039A-13787	Sequence 13787, A
56	35	47.9	404	2	US-09-242-859A-11	Sequence 11, Appl
57	35	47.9	405	2	US-09-538-092-1059	Sequence 1059, Ap
58	35	47.9	416	2	US-09-949-016-7485	Sequence 7485, Ap
59	35	47.9	448	2	US-09-902-540-16109	Sequence 16109, A
60	35	47.9	765	2	US-09-543-681A-4287	Sequence 4287, Ap
61	35	47.9	792	2	US-09-248-796A-18842	Sequence 18842, A
62	35	47.9	824	2	US-10-055-364-43	Sequence 43, Appl
63	35	47.9	874	2	US-08-804-439A-16	Sequence 16, Appl

# SCORE Search Results Details for Application 10001938 and Search Result us-10-001-938-15.r

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This page gives you Search Results detail for the Application 10001938 and Search Result us-10-001-938-15.rapbm.

[start](#)

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GenCore version 5.1.9  
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OM protein - protein search, using sw model

Run on: June 2, 2006, 19:29:53 ; Search time 75.9934 Seconds  
(without alignments)  
91.432 Million cell updates/sec

Title: US-10-001-938-15  
Perfect score: 73  
Sequence: 1 FRSVSTSTTFVQGRR 15

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 2097797 seqs, 463214858 residues

Total number of hits satisfying chosen parameters: 2097797

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 1000 summaries

Database : Published\_Applications\_AA\_Main:\*  
1: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US07\_PUBCOMB.pep:\*  
2: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US08\_PUBCOMB.pep:\*  
3: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US09\_PUBCOMB.pep:\*  
4: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US10A\_PUBCOMB.pep:\*  
5: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US10B\_PUBCOMB.pep:\*  
6: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US11\_PUBCOMB.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	% Match	Query Length	DB ID	Description
1	73	100.0	15	4	US-10-001-938-15 Sequence 15, Appl
2	49	67.1	242	4	US-10-264-049-2674 Sequence 2674, Ap
3	44	60.3	92	5	US-10-450-763-58559 Sequence 58559, A



4	44	60.3	164	4	US-10-363-829-341	Sequence 341, App
5	44	60.3	227	4	US-10-220-120-322	Sequence 322, App
6	43	58.9	85	4	US-10-425-115-242949	Sequence 242949,
7	43	58.9	97	4	US-10-425-115-246113	Sequence 246113,
8	42	57.5	1473	4	US-10-437-963-111000	Sequence 111000,
9	41	56.2	52	4	US-10-425-115-210546	Sequence 210546,
10	41	56.2	326	6	US-11-096-568A-7817	Sequence 7817, Ap
11	41	56.2	328	6	US-11-096-568A-7816	Sequence 7816, Ap
12	40	54.8	83	5	US-10-617-320-4269	Sequence 4269, Ap
13	40	54.8	108	5	US-10-617-320-5049	Sequence 5049, Ap
14	40	54.8	843	4	US-10-156-761-13999	Sequence 13999, A
15	40	54.8	843	5	US-10-732-923-1579	Sequence 1579, Ap
16	39	53.4	80	4	US-10-424-599-273144	Sequence 273144,
17	39	53.4	123	4	US-10-437-963-122175	Sequence 122175,
18	39	53.4	509	4	US-10-074-978A-204	Sequence 204, App
19	39	53.4	509	4	US-10-074-978A-205	Sequence 205, App
20	39	53.4	509	4	US-10-074-978A-206	Sequence 206, App
21	39	53.4	513	5	US-10-732-923-1992	Sequence 1992, Ap
22	39	53.4	529	4	US-10-437-963-125175	Sequence 125175,
23	39	53.4	591	5	US-10-450-763-48382	Sequence 48382, A
24	38	52.1	325	4	US-10-282-122A-45976	Sequence 45976, A
25	38	52.1	339	4	US-10-104-047-2843	Sequence 2843, Ap
26	38	52.1	339	6	US-11-072-512-2843	Sequence 2843, Ap
27	38	52.1	396	3	US-09-925-301-852	Sequence 852, App
28	38	52.1	432	4	US-10-264-049-2915	Sequence 2915, Ap
29	38	52.1	540	4	US-10-104-047-3747	Sequence 3747, Ap
30	38	52.1	540	6	US-11-072-512-3747	Sequence 3747, Ap
31	38	52.1	582	5	US-10-635-407-16	Sequence 16, Appl
32	38	52.1	622	5	US-10-635-407-138	Sequence 138, App
33	38	52.1	623	4	US-10-116-275-144	Sequence 144, App
34	38	52.1	623	5	US-10-753-267-10	Sequence 10, Appl
35	38	52.1	623	5	US-10-756-149-5040	Sequence 5040, Ap
36	38	52.1	623	5	US-10-635-407-8	Sequence 8, Appli
37	38	52.1	623	5	US-10-635-407-112	Sequence 112, App
38	38	52.1	623	5	US-10-635-407-114	Sequence 114, App
39	38	52.1	623	5	US-10-635-407-116	Sequence 116, App
40	38	52.1	623	5	US-10-635-407-118	Sequence 118, App
41	38	52.1	623	5	US-10-635-407-120	Sequence 120, App
42	38	52.1	623	5	US-10-635-407-122	Sequence 122, App
43	38	52.1	623	5	US-10-635-407-124	Sequence 124, App
44	38	52.1	623	5	US-10-635-407-126	Sequence 126, App
45	38	52.1	623	5	US-10-635-407-128	Sequence 128, App
46	38	52.1	623	5	US-10-635-407-130	Sequence 130, App
47	38	52.1	623	5	US-10-635-407-132	Sequence 132, App
48	38	52.1	623	5	US-10-635-407-134	Sequence 134, App
49	38	52.1	623	5	US-10-635-407-136	Sequence 136, App
50	38	52.1	623	5	US-10-635-407-140	Sequence 140, App
51	38	52.1	623	5	US-10-635-407-142	Sequence 142, App
52	38	52.1	623	5	US-10-635-407-144	Sequence 144, App
53	38	52.1	623	5	US-10-635-407-146	Sequence 146, App
54	38	52.1	623	5	US-10-635-407-148	Sequence 148, App
55	38	52.1	623	5	US-10-635-407-150	Sequence 150, App
56	38	52.1	623	5	US-10-635-407-152	Sequence 152, App
57	38	52.1	623	5	US-10-635-407-154	Sequence 154, App
58	38	52.1	623	5	US-10-878-556A-62	Sequence 62, Appl
59	38	52.1	627	5	US-10-635-407-12	Sequence 12, Appl
60	38	52.1	627	5	US-10-635-407-14	Sequence 14, Appl
61	38	52.1	628	5	US-10-635-407-10	Sequence 10, Appl
62	37	50.7	58	4	US-10-291-265-317	Sequence 317, App
63	37	50.7	58	6	US-11-000-463-317	Sequence 317, App
64	37	50.7	70	4	US-10-425-115-234142	Sequence 234142,

# SCORE Search Results Details for Application 10001938 and Search Result us-10-001-938-15.rapbn.

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GenCore version 5.1.9  
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OM protein - protein search, using sw model

Run on: June 2, 2006, 19:30:30 ; Search time 3.57616 Seconds  
(without alignments)  
48.509 Million cell updates/sec

Title: US-10-001-938-15  
Perfect score: 73  
Sequence: 1 FRSVSTSTTFVQGR 15

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 58871 seqs, 11565156 residues

Total number of hits satisfying chosen parameters: 58871

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 1000 summaries

Database : Published\_Applications\_AA\_New:\*  
1: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US09\_NEW\_PUB.pep:\*  
2: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US06\_NEW\_PUB.pep:\*  
3: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US07\_NEW\_PUB.pep:\*  
4: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US08\_NEW\_PUB.pep:\*  
5: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/PCT\_NEW\_PUB.pep:\*  
6: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US10\_NEW\_PUB.pep:\*  
7: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US11\_NEW\_PUB.pep:\*  
8: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US60\_NEW\_PUB.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result %  
Query

No.	Score	Match	Length	DB	ID	Description
1	73	100.0	15	6	US-10-490-949-24	Sequence 24, Appl
2	37	50.7	150	6	US-10-953-349-38479	Sequence 38479, A
3	36	49.3	164	6	US-10-953-349-36632	Sequence 36632, A
4	36	49.3	312	6	US-10-953-349-20709	Sequence 20709, A
5	36	49.3	413	6	US-10-953-349-7374	Sequence 7374, Ap
6	36	49.3	445	6	US-10-953-349-7373	Sequence 7373, Ap
7	36	49.3	483	6	US-10-953-349-7372	Sequence 7372, Ap
8	34	46.6	136	7	US-11-293-697-4484	Sequence 4484, Ap
9	34	46.6	272	7	US-11-293-697-4608	Sequence 4608, Ap
10	34	46.6	325	6	US-10-953-349-8881	Sequence 8881, Ap
11	34	46.6	331	6	US-10-953-349-8880	Sequence 8880, Ap
12	34	46.6	342	6	US-10-953-349-8879	Sequence 8879, Ap
13	34	46.6	838	7	US-11-295-336-2	Sequence 2, Appli
14	33	45.2	126	6	US-10-953-349-17379	Sequence 17379, A
15	33	45.2	126	6	US-10-953-349-23925	Sequence 23925, A
16	33	45.2	134	6	US-10-953-349-17378	Sequence 17378, A
17	33	45.2	134	6	US-10-953-349-23924	Sequence 23924, A
18	33	45.2	134	6	US-10-953-349-26245	Sequence 26245, A
19	33	45.2	137	6	US-10-953-349-28995	Sequence 28995, A
20	33	45.2	160	6	US-10-953-349-17377	Sequence 17377, A
21	33	45.2	160	6	US-10-953-349-23923	Sequence 23923, A
22	33	45.2	195	6	US-10-953-349-31424	Sequence 31424, A
23	33	45.2	197	6	US-10-953-349-15564	Sequence 15564, A
24	33	45.2	200	6	US-10-953-349-10713	Sequence 10713, A
25	33	45.2	211	6	US-10-953-349-31423	Sequence 31423, A
26	33	45.2	236	6	US-10-953-349-31422	Sequence 31422, A
27	33	45.2	4373	7	US-11-118-524-2	Sequence 2, Appli
28	32	43.8	159	7	US-11-122-986-221	Sequence 221, App
29	32	43.8	159	7	US-11-122-986-223	Sequence 223, App
30	32	43.8	211	6	US-10-953-349-4200	Sequence 4200, Ap
31	32	43.8	215	7	US-11-249-111-95	Sequence 95, Appl
32	32	43.8	246	6	US-10-953-349-4199	Sequence 4199, Ap
33	32	43.8	255	6	US-10-953-349-7139	Sequence 7139, Ap
34	32	43.8	258	6	US-10-953-349-7138	Sequence 7138, Ap
35	32	43.8	272	6	US-10-953-349-4198	Sequence 4198, Ap
36	32	43.8	272	6	US-10-953-349-13203	Sequence 13203, A
37	32	43.8	288	6	US-10-953-349-13202	Sequence 13202, A
38	32	43.8	310	6	US-10-953-349-13201	Sequence 13201, A
39	32	43.8	314	6	US-10-953-349-28317	Sequence 28317, A
40	32	43.8	371	6	US-10-953-349-28316	Sequence 28316, A
41	32	43.8	433	6	US-10-953-349-7137	Sequence 7137, Ap
42	32	43.8	632	6	US-10-953-349-12946	Sequence 12946, A
43	32	43.8	635	6	US-10-953-349-12945	Sequence 12945, A
44	32	43.8	644	6	US-10-953-349-12944	Sequence 12944, A
45	32	43.8	1033	7	US-11-121-154-207	Sequence 207, App
46	31	42.5	109	7	US-11-254-679-9	Sequence 9, Appli
47	31	42.5	122	6	US-10-953-349-20387	Sequence 20387, A
48	31	42.5	148	6	US-10-953-349-20385	Sequence 20385, A
49	31	42.5	162	6	US-10-953-349-30554	Sequence 30554, A
50	31	42.5	175	6	US-10-953-349-33661	Sequence 33661, A
51	31	42.5	177	6	US-10-953-349-16399	Sequence 16399, A
52	31	42.5	179	6	US-10-953-349-30553	Sequence 30553, A
53	31	42.5	184	6	US-10-953-349-16398	Sequence 16398, A
54	31	42.5	184	6	US-10-953-349-33660	Sequence 33660, A
55	31	42.5	203	6	US-10-953-349-30552	Sequence 30552, A
56	31	42.5	217	6	US-10-953-349-23578	Sequence 23578, A
57	31	42.5	218	6	US-10-953-349-23577	Sequence 23577, A
58	31	42.5	256	6	US-10-953-349-23576	Sequence 23576, A
59	31	42.5	256	6	US-10-953-349-39697	Sequence 39697, A

# SCORE Search Results Details for Application 10001938 and Search Result us-10-001-938-16.

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This page gives you Search Results detail for the Application 10001938 and Search Result us-10-001-938-16.rai.

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OM protein - protein search, using sw model

Run on: June 2, 2006, 19:08:52 ; Search time 11.4238 Seconds  
(without alignments)  
114.932 Million cell updates/sec

Title: US-10-001-938-16  
Perfect score: 82  
Sequence: 1 PGMVQQIQSVCMCEQ 15

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 650591 seqs, 87530628 residues

Total number of hits satisfying chosen parameters: 650591

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 1000 summaries

Database : Issued\_Patents\_AA:\*  
1: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/5\_COMB.pep:\*  
2: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/6\_COMB.pep:\*  
3: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/7\_COMB.pep:\*  
4: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/H\_COMB.pep:\*  
5: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/PCTUS\_COMB.pep:\*  
6: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/RE\_COMB.pep:\*  
7: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/backfiles1.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	% Match	Query Length	DB ID	Description
1	82	100.0	397	1	US-08-868-288A-5 Sequence 5, Appli
2	82	100.0	397	2	US-09-235-373-5 Sequence 5, Appli

3	82	100.0	397	2	US-09-388-993-5	Sequence 5, Appli
4	82	100.0	397	2	US-09-919-039-178	Sequence 178, App
5	82	100.0	397	2	US-09-538-092-1052	Sequence 1052, Ap
6	82	100.0	397	2	US-09-501-714-5	Sequence 5, Appli
7	71	86.6	239	2	US-10-104-047-2162	Sequence 2162, Ap
8	71	86.6	397	3	US-10-429-223-2	Sequence 2, Appli
9	71	86.6	397	3	US-10-429-223-4	Sequence 4, Appli
10	51	62.2	419	1	US-08-686-417-3	Sequence 3, Appli
11	50	61.0	330	2	US-09-248-796A-19977	Sequence 19977, A
12	49	59.8	459	1	US-08-870-518-4	Sequence 4, Appli
13	45	54.9	397	2	US-09-248-796A-17628	Sequence 17628, A
14	45	54.9	486	1	US-08-870-518-3	Sequence 3, Appli
15	44	53.7	345	2	US-09-248-796A-14816	Sequence 14816, A
16	42	51.2	492	2	US-09-107-532A-6385	Sequence 6385, Ap
17	40	48.8	273	2	US-09-248-796A-17627	Sequence 17627, A
18	39	47.6	114	2	US-09-865-483-8	Sequence 8, Appli
19	39	47.6	114	2	US-10-726-555-8	Sequence 8, Appli
20	39	47.6	116	2	US-08-397-411-4	Sequence 4, Appli
21	39	47.6	119	1	US-07-634-278-60	Sequence 60, Appl
22	39	47.6	119	1	US-08-477-728-60	Sequence 60, Appl
23	39	47.6	119	1	US-08-474-040-60	Sequence 60, Appl
24	39	47.6	119	1	US-08-487-200-60	Sequence 60, Appl
25	39	47.6	119	2	US-08-484-537-60	Sequence 60, Appl
26	39	47.6	119	3	US-09-718-998-60	Sequence 60, Appl
27	39	47.6	124	2	US-09-270-767-48315	Sequence 48315, A
28	39	47.6	138	1	US-07-634-278-33	Sequence 33, Appl
29	39	47.6	138	1	US-08-477-728-33	Sequence 33, Appl
30	39	47.6	138	1	US-08-474-040-33	Sequence 33, Appl
31	39	47.6	138	1	US-08-487-200-33	Sequence 33, Appl
32	39	47.6	138	2	US-08-484-537-33	Sequence 33, Appl
33	39	47.6	138	3	US-09-718-998-33	Sequence 33, Appl
34	39	47.6	234	2	US-09-040-483-5	Sequence 5, Appli
35	39	47.6	234	2	US-08-740-036-5	Sequence 5, Appli
36	39	47.6	234	3	US-09-645-399-5	Sequence 5, Appli
37	39	47.6	282	2	US-10-104-047-2824	Sequence 2824, Ap
38	39	47.6	470	2	US-10-104-047-3177	Sequence 3177, Ap
39	39	47.6	478	2	US-09-770-916-2	Sequence 2, Appli
40	39	47.6	582	1	US-08-989-386-1	Sequence 1, Appli
41	39	47.6	588	2	US-10-094-749-2309	Sequence 2309, Ap
42	38.5	47.0	362	2	US-09-252-991A-18068	Sequence 18068, A
43	38.5	47.0	1752	2	US-09-949-002-294	Sequence 294, App
44	38.5	47.0	1917	2	US-09-949-002-485	Sequence 485, App
45	38	46.3	85	2	US-09-263-933-6	Sequence 6, Appli
46	38	46.3	85	2	US-09-263-933-13	Sequence 13, Appl
47	38	46.3	85	2	US-09-263-933-20	Sequence 20, Appl
48	38	46.3	85	2	US-09-919-901-6	Sequence 6, Appli
49	38	46.3	85	2	US-09-919-901-13	Sequence 13, Appl
50	38	46.3	85	2	US-09-919-901-20	Sequence 20, Appl
51	38	46.3	85	2	US-10-191-966-6	Sequence 6, Appli
52	38	46.3	85	2	US-10-191-966-13	Sequence 13, Appl
53	38	46.3	85	2	US-10-191-966-20	Sequence 20, Appl
54	38	46.3	228	2	US-10-104-047-2483	Sequence 2483, Ap
55	38	46.3	243	2	US-09-469-242-2	Sequence 2, Appli
56	38	46.3	328	2	US-09-350-702-16	Sequence 16, Appl
57	38	46.3	680	2	US-09-538-092-1165	Sequence 1165, Ap
58	38	46.3	680	2	US-09-949-016-6637	Sequence 6637, Ap
59	38	46.3	708	2	US-09-949-016-6638	Sequence 6638, Ap
60	38	46.3	712	2	US-09-949-016-7340	Sequence 7340, Ap
61	38	46.3	712	2	US-09-949-016-7341	Sequence 7341, Ap
62	38	46.3	2307	2	US-09-263-933-2	Sequence 2, Appli
63	38	46.3	2307	2	US-09-263-933-9	Sequence 9, Appli



# SCORE Search Results Details for Application 10001938 and Search Result us-10-001-938 16.rapbm.

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GenCore version 5.1.9  
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OM protein - protein search, using sw model

Run on: June 2, 2006, 19:29:53 ; Search time 75.9934 Seconds  
(without alignments)  
91.432 Million cell updates/sec

Title: US-10-001-938-16  
Perfect score: 82  
Sequence: 1 PGMVQQIQSVCMQCQ 15

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 2097797 seqs, 463214858 residues

Total number of hits satisfying chosen parameters: 2097797

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 1000 summaries

Database : Published\_Applications\_AA\_Main:\*  
1: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US07\_PUBCOMB.pep:\*  
2: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US08\_PUBCOMB.pep:\*  
3: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US09\_PUBCOMB.pep:\*  
4: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US10A\_PUBCOMB.pep:\*  
5: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US10B\_PUBCOMB.pep:\*  
6: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US11\_PUBCOMB.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	% Match	Query Length	DB ID	Description
1	82	100.0	15	4 US-10-001-938-16	Sequence 16, Appl

2	82	100.0	165	4	US-10-106-698-6762	Sequence 6762, Ap
3	82	100.0	165	5	US-10-473-127-1142	Sequence 1142, Ap
4	82	100.0	252	4	US-10-264-049-4191	Sequence 4191, Ap
5	82	100.0	258	5	US-10-473-127-1141	Sequence 1141, Ap
6	82	100.0	258	5	US-10-473-127-1146	Sequence 1146, Ap
7	82	100.0	397	3	US-09-919-039-178	Sequence 178, App
8	82	100.0	397	5	US-10-473-127-1138	Sequence 1138, Ap
9	82	100.0	397	5	US-10-473-127-1139	Sequence 1139, Ap
10	82	100.0	397	5	US-10-473-127-1140	Sequence 1140, Ap
11	82	100.0	397	5	US-10-473-127-1143	Sequence 1143, Ap
12	82	100.0	397	5	US-10-473-127-1144	Sequence 1144, Ap
13	82	100.0	397	5	US-10-473-127-1145	Sequence 1145, Ap
14	82	100.0	397	5	US-10-756-149-4727	Sequence 4727, Ap
15	82	100.0	397	5	US-10-631-467-559	Sequence 559, App
16	82	100.0	397	5	US-10-631-467-1386	Sequence 1386, Ap
17	82	100.0	397	5	US-10-878-556A-155	Sequence 155, App
18	82	100.0	408	5	US-10-450-763-40099	Sequence 40099, A
19	72	87.8	291	5	US-10-450-763-40097	Sequence 40097, A
20	71	86.6	239	4	US-10-104-047-2162	Sequence 2162, Ap
21	71	86.6	239	6	US-11-072-512-2162	Sequence 2162, Ap
22	71	86.6	397	4	US-10-108-260A-3837	Sequence 3837, Ap
23	71	86.6	397	4	US-10-429-223-2	Sequence 2, Appli
24	71	86.6	397	4	US-10-429-223-4	Sequence 4, Appli
25	71	86.6	426	4	US-10-108-260A-4751	Sequence 4751, Ap
26	65	79.3	412	5	US-10-965-898-18	Sequence 18, Appl
27	65	79.3	479	4	US-10-788-792-186	Sequence 186, App
28	59	72.0	244	4	US-10-425-115-217751	Sequence 217751,
29	59	72.0	420	4	US-10-767-701-46164	Sequence 46164, A
30	57	69.5	363	4	US-10-425-115-304214	Sequence 304214,
31	56	68.3	211	4	US-10-767-701-47401	Sequence 47401, A
32	56	68.3	330	6	US-11-096-568A-16062	Sequence 16062, A
33	56	68.3	336	6	US-11-096-568A-16061	Sequence 16061, A
34	56	68.3	370	4	US-10-259-194A-44	Sequence 44, Appl
35	56	68.3	417	4	US-10-437-963-194306	Sequence 194306,
36	56	68.3	417	4	US-10-425-115-307680	Sequence 307680,
37	56	68.3	418	4	US-10-425-115-307678	Sequence 307678,
38	56	68.3	418	4	US-10-425-115-307679	Sequence 307679,
39	56	68.3	433	4	US-10-425-114-60908	Sequence 60908, A
40	52	63.4	217	4	US-10-424-599-271036	Sequence 271036,
41	52	63.4	306	4	US-10-425-114-51732	Sequence 51732, A
42	52	63.4	398	4	US-10-425-114-55344	Sequence 55344, A
43	52	63.4	410	4	US-10-424-599-271035	Sequence 271035,
44	52	63.4	416	4	US-10-437-963-188385	Sequence 188385,
45	52	63.4	417	4	US-10-424-599-271037	Sequence 271037,
46	52	63.4	420	4	US-10-424-599-257607	Sequence 257607,
47	52	63.4	420	4	US-10-424-599-257608	Sequence 257608,
48	52	63.4	420	4	US-10-437-963-128712	Sequence 128712,
49	52	63.4	422	4	US-10-425-115-332061	Sequence 332061,
50	52	63.4	424	4	US-10-425-114-46242	Sequence 46242, A
51	52	63.4	433	4	US-10-425-114-63266	Sequence 63266, A
52	52	63.4	435	4	US-10-425-114-59462	Sequence 59462, A
53	52	63.4	435	4	US-10-425-114-65366	Sequence 65366, A
54	51	62.2	338	6	US-11-096-568A-21865	Sequence 21865, A
55	51	62.2	342	4	US-10-425-114-68558	Sequence 68558, A
56	51	62.2	419	4	US-10-437-963-194308	Sequence 194308,
57	51	62.2	419	4	US-10-767-701-47403	Sequence 47403, A
58	51	62.2	419	4	US-10-425-115-266771	Sequence 266771,
59	51	62.2	419	4	US-10-425-115-266773	Sequence 266773,
60	51	62.2	419	4	US-10-425-115-266781	Sequence 266781,
61	51	62.2	419	4	US-10-425-115-305086	Sequence 305086,
62	51	62.2	419	6	US-11-096-568A-21864	Sequence 21864, A

# SCORE Search Results Details for Application 10001938 and Search Result us-10-001-938-16.rapbn.

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GenCore version 5.1.9  
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OM protein - protein search, using sw model

Run on: June 2, 2006, 19:30:30 ; Search time 3.57616 Seconds  
(without alignments)  
48.509 Million cell updates/sec

Title: US-10-001-938-16  
Perfect score: 82  
Sequence: 1 PGMVQQIQSVCMCEQ 15

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 58871 seqs, 11565156 residues

Total number of hits satisfying chosen parameters: 58871

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 1000 summaries

Database : Published\_Applications\_AA\_New:\*

- 1: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US09\_NEW\_PUB.pep:\*
- 2: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US06\_NEW\_PUB.pep:\*
- 3: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US07\_NEW\_PUB.pep:\*
- 4: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US08\_NEW\_PUB.pep:\*
- 5: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/PCT\_NEW\_PUB.pep:\*
- 6: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US10\_NEW\_PUB.pep:\*
- 7: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US11\_NEW\_PUB.pep:\*
- 8: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US60\_NEW\_PUB.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result %  
Query

No.	Score	Match	Length	DB	ID	Description
1	82	100.0	15	6	US-10-490-949-25	Sequence 25, Appl
2	71	86.6	397	7	US-11-293-697-3837	Sequence 3837, Ap
3	71	86.6	426	7	US-11-293-697-4751	Sequence 4751, Ap
4	55	67.1	257	6	US-10-953-349-1056	Sequence 1056, Ap
5	55	67.1	337	6	US-10-953-349-1055	Sequence 1055, Ap
6	55	67.1	419	6	US-10-953-349-1054	Sequence 1054, Ap
7	52	63.4	338	6	US-10-953-349-13711	Sequence 13711, A
8	52	63.4	382	6	US-10-953-349-13710	Sequence 13710, A
9	52	63.4	420	6	US-10-953-349-13709	Sequence 13709, A
10	50	61.0	256	6	US-10-953-349-16379	Sequence 16379, A
11	50	61.0	336	6	US-10-953-349-16378	Sequence 16378, A
12	50	61.0	417	6	US-10-953-349-16377	Sequence 16377, A
13	39	47.6	63	6	US-10-953-349-27957	Sequence 27957, A
14	38.5	47.0	1822	6	US-10-505-928-700	Sequence 700, App
15	38	46.3	708	6	US-10-505-928-416	Sequence 416, App
16	37	45.1	171	6	US-10-953-349-36964	Sequence 36964, A
17	37	45.1	183	6	US-10-953-349-36963	Sequence 36963, A
18	37	45.1	206	6	US-10-953-349-35898	Sequence 35898, A
19	37	45.1	234	6	US-10-505-928-152	Sequence 152, App
20	37	45.1	246	6	US-10-953-349-35897	Sequence 35897, A
21	37	45.1	300	6	US-10-953-349-35896	Sequence 35896, A
22	36	43.9	112	7	US-11-293-697-3203	Sequence 3203, Ap
23	36	43.9	117	7	US-11-219-121-11	Sequence 11, Appl
24	36	43.9	146	7	US-11-219-121-13	Sequence 13, Appl
25	36	43.9	341	6	US-10-953-349-17124	Sequence 17124, A
26	36	43.9	352	6	US-10-953-349-17123	Sequence 17123, A
27	36	43.9	437	6	US-10-953-349-17122	Sequence 17122, A
28	36	43.9	790	6	US-10-511-937-2937	Sequence 2937, Ap
29	35	42.7	141	7	US-11-293-697-2640	Sequence 2640, Ap
30	35	42.7	420	7	US-11-232-370-7	Sequence 7, Appli
31	35	42.7	524	7	US-11-232-370-12	Sequence 12, Appl
32	35	42.7	525	7	US-11-232-370-13	Sequence 13, Appl
33	35	42.7	525	7	US-11-232-370-14	Sequence 14, Appl
34	35	42.7	543	7	US-11-232-370-6	Sequence 6, Appli
35	35	42.7	544	7	US-11-232-370-9	Sequence 9, Appli
36	35	42.7	544	7	US-11-232-370-11	Sequence 11, Appl
37	35	42.7	545	7	US-11-232-370-8	Sequence 8, Appli
38	35	42.7	559	7	US-11-232-370-10	Sequence 10, Appl
39	35	42.7	660	6	US-10-953-349-10967	Sequence 10967, A
40	34	41.5	25	7	US-11-219-563-115	Sequence 115, App
41	34	41.5	82	7	US-11-219-563-119	Sequence 119, App
42	34	41.5	91	6	US-10-514-263-7	Sequence 7, Appli
43	34	41.5	108	7	US-11-328-747-6	Sequence 6, Appli
44	34	41.5	109	6	US-10-953-349-7536	Sequence 7536, Ap
45	34	41.5	118	6	US-10-953-349-7535	Sequence 7535, Ap
46	34	41.5	118	6	US-10-506-063A-14	Sequence 14, Appl
47	34	41.5	119	6	US-10-953-349-39848	Sequence 39848, A
48	34	41.5	119	6	US-10-953-349-39911	Sequence 39911, A
49	34	41.5	121	7	US-11-219-563-84	Sequence 84, Appl
50	34	41.5	121	7	US-11-219-563-89	Sequence 89, Appl
51	34	41.5	121	7	US-11-219-563-90	Sequence 90, Appl
52	34	41.5	125	6	US-10-953-349-29673	Sequence 29673, A
53	34	41.5	143	6	US-10-953-349-39847	Sequence 39847, A
54	34	41.5	145	6	US-10-953-349-39909	Sequence 39909, A
55	34	41.5	153	6	US-10-953-349-29671	Sequence 29671, A
56	34	41.5	164	6	US-10-953-349-12472	Sequence 12472, A
57	34	41.5	196	6	US-10-953-349-12471	Sequence 12471, A
58	34	41.5	202	6	US-10-953-349-16651	Sequence 16651, A
59	34	41.5	230	6	US-10-953-349-32248	Sequence 32248, A

# SCORE Search Results Details for Application 10001938 and Search Result us-10-001-938-17.

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GenCore version 5.1.9  
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OM protein - protein search, using sw model

Run on: June 2, 2006, 19:08:52 ; Search time 11.4238 Seconds  
(without alignments)  
114.932 Million cell updates/sec

Title: US-10-001-938-17  
Perfect score: 76  
Sequence: 1 GRRITTRIMENGQE 15

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 650591 seqs, 87530628 residues

Total number of hits satisfying chosen parameters: 650591

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 1000 summaries

Database : Issued\_Patents\_AA:\*  
1: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/5\_COMB.pep:\*  
2: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/6\_COMB.pep:\*  
3: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/7\_COMB.pep:\*  
4: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/H\_COMB.pep:\*  
5: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/PCTUS\_COMB.pep:\*  
6: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/RE\_COMB.pep:\*  
7: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/backfiles1.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	% Match	Query Length	DB ID	Description
1	76	100.0	277	1 US-08-868-288A-7	Sequence 7, Appli
2	76	100.0	277	2 US-09-235-373-7	Sequence 7, Appli



3	76	100.0	277	2	US-09-388-993-7	Sequence 7, Appli
4	76	100.0	277	2	US-09-501-714-7	Sequence 7, Appli
5	76	100.0	327	2	US-09-949-016-11262	Sequence 11262, A
6	76	100.0	351	1	US-08-868-288A-6	Sequence 6, Appli
7	76	100.0	351	2	US-09-235-373-6	Sequence 6, Appli
8	76	100.0	351	2	US-09-388-993-6	Sequence 6, Appli
9	76	100.0	351	2	US-09-501-714-6	Sequence 6, Appli
10	66	86.8	330	1	US-08-868-288A-3	Sequence 3, Appli
11	66	86.8	330	2	US-09-235-373-3	Sequence 3, Appli
12	66	86.8	330	2	US-09-388-993-3	Sequence 3, Appli
13	66	86.8	330	2	US-09-501-714-3	Sequence 3, Appli
14	45	59.2	379	2	US-09-967-552A-2	Sequence 2, Appli
15	45	59.2	379	2	US-09-967-552A-26	Sequence 26, Appl
16	45	59.2	379	2	US-09-967-552A-30	Sequence 30, Appl
17	45	59.2	391	2	US-09-967-552A-18	Sequence 18, Appl
18	41	53.9	405	2	US-09-134-000C-4680	Sequence 4680, Ap
19	41	53.9	867	2	US-09-668-673B-2	Sequence 2, Appli
20	41	53.9	867	2	US-10-389-532-2	Sequence 2, Appli
21	41	53.9	1558	2	US-09-949-016-6803	Sequence 6803, Ap
22	41	53.9	1606	2	US-09-949-016-7371	Sequence 7371, Ap
23	40	52.6	207	2	US-09-248-796A-15834	Sequence 15834, A
24	40	52.6	268	2	US-09-270-767-44519	Sequence 44519, A
25	39	51.3	178	2	US-09-107-532A-3960	Sequence 3960, Ap
26	39	51.3	184	2	US-09-198-452A-1138	Sequence 1138, Ap
27	39	51.3	315	2	US-09-438-185A-26	Sequence 26, Appl
28	38	50.0	130	2	US-09-489-039A-11337	Sequence 11337, A
29	38	50.0	165	2	US-09-902-540-15997	Sequence 15997, A
30	38	50.0	414	2	US-09-252-991A-27975	Sequence 27975, A
31	38	50.0	455	2	US-09-902-540-11484	Sequence 11484, A
32	38	50.0	473	2	US-09-489-039A-9737	Sequence 9737, Ap
33	38	50.0	764	2	US-09-585-858-15	Sequence 15, Appl
34	38	50.0	764	2	US-10-270-878-15	Sequence 15, Appl
35	38	50.0	837	1	US-08-680-326-117	Sequence 117, App
36	38	50.0	1008	1	US-08-680-326-30	Sequence 30, Appl
37	38	50.0	1009	1	US-08-680-326-31	Sequence 31, Appl
38	38	50.0	1037	2	US-09-902-540-9845	Sequence 9845, Ap
39	38	50.0	1341	2	US-09-252-991A-26785	Sequence 26785, A
40	37	48.7	375	2	US-09-303-518D-632	Sequence 632, App
41	37	48.7	375	2	US-09-303-518D-634	Sequence 634, App
42	37	48.7	544	2	US-09-252-991A-28995	Sequence 28995, A
43	36	47.4	92	2	US-09-902-540-13452	Sequence 13452, A
44	36	47.4	165	2	US-09-252-991A-31768	Sequence 31768, A
45	36	47.4	233	2	US-09-489-039A-9119	Sequence 9119, Ap
46	36	47.4	301	2	US-09-252-991A-22565	Sequence 22565, A
47	36	47.4	314	2	US-09-252-991A-26728	Sequence 26728, A
48	36	47.4	355	2	US-09-328-352-6270	Sequence 6270, Ap
49	36	47.4	498	2	US-09-477-962-114	Sequence 114, App
50	36	47.4	610	2	US-09-248-796A-17030	Sequence 17030, A
51	36	47.4	636	2	US-09-489-039A-13947	Sequence 13947, A
52	36	47.4	651	2	US-09-371-338-15	Sequence 15, Appl
53	36	47.4	703	2	US-10-116-326-6	Sequence 6, Appli
54	36	47.4	703	2	US-10-803-277-6	Sequence 6, Appli
55	36	47.4	762	2	US-10-116-326-4	Sequence 4, Appli
56	36	47.4	762	2	US-10-803-277-4	Sequence 4, Appli
57	36	47.4	778	2	US-10-116-326-2	Sequence 2, Appli
58	36	47.4	778	2	US-10-003-690-2	Sequence 2, Appli
59	36	47.4	778	2	US-10-803-277-2	Sequence 2, Appli
60	36	47.4	898	1	US-08-465-995A-4	Sequence 4, Appli
61	36	47.4	898	1	US-08-465-994C-4	Sequence 4, Appli
62	36	47.4	898	1	US-08-966-145-4	Sequence 4, Appli
63	36	47.4	920	1	US-08-101-593-4	Sequence 4, Appli

# SCORE Search Results Details for Application 10001938 and Search Result us-10-001-938-17.rapbm.

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GenCore version 5.1.9  
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OM protein - protein search, using sw model

Run on: June 2, 2006, 19:29:53 ; Search time 75.9934 Seconds  
(without alignments)  
91.432 Million cell updates/sec

Title: US-10-001-938-17  
Perfect score: 76  
Sequence: 1 GRRITTRRIMENGQE 15

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 2097797 seqs, 463214858 residues

Total number of hits satisfying chosen parameters: 2097797

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 1000 summaries

Database : Published\_Applications\_AA\_Main:\*  
1: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US07\_PUBCOMB.pep:\*  
2: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US08\_PUBCOMB.pep:\*  
3: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US09\_PUBCOMB.pep:\*  
4: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US10A\_PUBCOMB.pep:\*  
5: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US10B\_PUBCOMB.pep:\*  
6: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US11\_PUBCOMB.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	% Match	Query Length	DB ID	Description
1	76	100.0	15	4 US-10-001-938-17	Sequence 17, Appl

2	66	86.8	242	4	US-10-264-049-2674	Sequence 2674, Ap
3	63	82.9	164	4	US-10-363-829-341	Sequence 341, App
4	63	82.9	227	4	US-10-220-120-322	Sequence 322, App
5	60	78.9	232	5	US-10-480-988-22	Sequence 22, Appl
6	60	78.9	267	3	US-09-764-868-1164	Sequence 1164, Ap
7	60	78.9	267	3	US-09-764-891-4089	Sequence 4089, Ap
8	45	59.2	338	6	US-11-188-298-15117	Sequence 15117, A
9	45	59.2	379	3	US-09-967-552A-2	Sequence 2, Appli
10	45	59.2	379	3	US-09-967-552A-26	Sequence 26, Appl
11	45	59.2	379	3	US-09-967-552A-30	Sequence 30, Appl
12	45	59.2	379	5	US-10-965-357-2	Sequence 2, Appli
13	45	59.2	379	5	US-10-965-357-26	Sequence 26, Appl
14	45	59.2	379	5	US-10-965-357-30	Sequence 30, Appl
15	45	59.2	379	5	US-10-967-851-2	Sequence 2, Appli
16	45	59.2	379	5	US-10-967-851-26	Sequence 26, Appl
17	45	59.2	379	5	US-10-967-851-30	Sequence 30, Appl
18	45	59.2	379	6	US-11-188-298-9209	Sequence 9209, Ap
19	45	59.2	379	6	US-11-188-298-12077	Sequence 12077, A
20	45	59.2	379	6	US-11-188-298-13625	Sequence 13625, A
21	45	59.2	379	6	US-11-188-298-17015	Sequence 17015, A
22	45	59.2	380	3	US-09-906-549-2	Sequence 2, Appli
23	45	59.2	380	6	US-11-188-298-2231	Sequence 2231, Ap
24	45	59.2	380	6	US-11-188-298-15608	Sequence 15608, A
25	45	59.2	388	4	US-10-425-115-347505	Sequence 347505,
26	45	59.2	391	3	US-09-967-552A-18	Sequence 18, Appl
27	45	59.2	391	5	US-10-965-357-18	Sequence 18, Appl
28	45	59.2	391	5	US-10-967-851-18	Sequence 18, Appl
29	45	59.2	443	5	US-10-739-930-8161	Sequence 8161, Ap
30	45	59.2	453	4	US-10-425-114-65489	Sequence 65489, A
31	44	57.9	379	4	US-10-767-701-44558	Sequence 44558, A
32	43	56.6	137	4	US-10-437-963-156565	Sequence 156565,
33	43	56.6	143	4	US-10-425-115-337503	Sequence 337503,
34	43	56.6	375	4	US-10-424-599-271970	Sequence 271970,
35	42	55.3	78	4	US-10-425-115-290387	Sequence 290387,
36	42	55.3	202	4	US-10-425-114-47897	Sequence 47897, A
37	42	55.3	427	4	US-10-425-114-45447	Sequence 45447, A
38	42	55.3	563	4	US-10-425-115-286927	Sequence 286927,
39	42	55.3	568	4	US-10-425-115-263963	Sequence 263963,
40	42	55.3	591	4	US-10-425-114-61059	Sequence 61059, A
41	42	55.3	699	4	US-10-437-963-192225	Sequence 192225,
42	42	55.3	2391	4	US-10-425-115-245853	Sequence 245853,
43	41	53.9	77	3	US-09-989-890-171	Sequence 171, App
44	41	53.9	98	4	US-10-437-963-202081	Sequence 202081,
45	41	53.9	867	4	US-10-389-532-2	Sequence 2, Appli
46	41	53.9	1845	4	US-10-408-765A-1351	Sequence 1351, Ap
47	40	52.6	264	6	US-11-097-143-42933	Sequence 42933, A
48	40	52.6	404	4	US-10-437-963-117500	Sequence 117500,
49	40	52.6	416	4	US-10-425-114-65332	Sequence 65332, A
50	40	52.6	625	5	US-10-739-930-5867	Sequence 5867, Ap
51	40	52.6	1061	4	US-10-369-493-12847	Sequence 12847, A
52	40	52.6	8805	6	US-11-097-143-28128	Sequence 28128, A
53	39	51.3	38	4	US-10-425-115-242521	Sequence 242521,
54	39	51.3	92	4	US-10-437-963-113613	Sequence 113613,
55	39	51.3	108	4	US-10-767-701-34584	Sequence 34584, A
56	39	51.3	184	4	US-10-289-762-1138	Sequence 1138, Ap
57	39	51.3	191	3	US-09-733-507-2	Sequence 2, Appli
58	39	51.3	210	4	US-10-424-599-203088	Sequence 203088,
59	39	51.3	456	4	US-10-425-114-51670	Sequence 51670, A
60	39	51.3	671	4	US-10-282-122A-76971	Sequence 76971, A
61	39	51.3	773	4	US-10-437-963-121782	Sequence 121782,
62	39	51.3	1450	4	US-10-437-963-110511	Sequence 110511,

# SCORE Search Results Details for Application 10 and Search Result us-10-001-938-17.rapb

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This page gives you Search Results detail for the Application 10001938 and Search Result us-10-001-938-17.rapb  
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GenCore version 5.1.9  
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OM protein - protein search, using sw model

Run on: June 2, 2006, 19:30:30 ; Search time 3.57616 Seconds  
(without alignments)  
48.509 Million cell updates/sec

Title: US-10-001-938-17  
Perfect score: 76  
Sequence: 1 GRRITTRRIMENGQE 15

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 58871 seqs, 11565156 residues

Total number of hits satisfying chosen parameters: 58871

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 1000 summaries

Database : Published\_Applications\_AA\_New:\*  
1: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US09\_NEW\_PUB.pep:\*  
2: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US06\_NEW\_PUB.pep:\*  
3: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US07\_NEW\_PUB.pep:\*  
4: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US08\_NEW\_PUB.pep:\*  
5: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/PCT\_NEW\_PUB.pep:\*  
6: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US10\_NEW\_PUB.pep:\*  
7: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US11\_NEW\_PUB.pep:\*  
8: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US60\_NEW\_PUB.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	% Match	Query Length	DB ID	Description
1	76	100.0	15	6	US-10-490-949-26
2	41	53.9	867	7	US-11-316-132-3

3	36	47.4	18	7	US-11-251-734-28	Sequence 28, Appl
4	36	47.4	174	6	US-10-953-349-28370	Sequence 28370, A
5	35	46.1	166	6	US-10-953-349-30966	Sequence 30966, A
6	35	46.1	212	6	US-10-953-349-30965	Sequence 30965, A
7	35	46.1	289	7	US-11-293-697-4302	Sequence 4302, Ap
8	35	46.1	293	6	US-10-953-349-30964	Sequence 30964, A
9	35	46.1	870	7	US-11-316-132-4	Sequence 4, Appli
10	34	44.7	207	6	US-10-953-349-28505	Sequence 28505, A
11	34	44.7	233	6	US-10-953-349-28504	Sequence 28504, A
12	34	44.7	336	6	US-10-953-349-28503	Sequence 28503, A
13	34	44.7	355	6	US-10-953-349-19922	Sequence 19922, A
14	34	44.7	362	6	US-10-511-937-2509	Sequence 2509, Ap
15	34	44.7	363	6	US-10-953-349-19921	Sequence 19921, A
16	34	44.7	365	6	US-10-511-937-2530	Sequence 2530, Ap
17	34	44.7	372	7	US-11-319-606-3	Sequence 3, Appli
18	34	44.7	381	6	US-10-953-349-19920	Sequence 19920, A
19	33	43.4	154	6	US-10-953-349-33149	Sequence 33149, A
20	33	43.4	362	6	US-10-953-349-26895	Sequence 26895, A
21	33	43.4	375	6	US-10-953-349-26894	Sequence 26894, A
22	33	43.4	619	7	US-11-312-958-46	Sequence 46, Appl
23	33	43.4	730	6	US-10-505-928-841	Sequence 841, App
24	33	43.4	870	7	US-11-316-132-2	Sequence 2, Appli
25	33	43.4	871	7	US-11-316-132-1	Sequence 1, Appli
26	32.5	42.8	985	7	US-11-342-171-6	Sequence 6, Appli
27	32.5	42.8	985	7	US-11-342-171-66	Sequence 66, Appl
28	32	42.1	212	6	US-10-953-349-5598	Sequence 5598, Ap
29	32	42.1	221	6	US-10-953-349-5597	Sequence 5597, Ap
30	32	42.1	226	6	US-10-953-349-4194	Sequence 4194, Ap
31	32	42.1	240	6	US-10-953-349-5596	Sequence 5596, Ap
32	32	42.1	328	6	US-10-953-349-24057	Sequence 24057, A
33	32	42.1	358	6	US-10-953-349-17279	Sequence 17279, A
34	32	42.1	363	6	US-10-953-349-31909	Sequence 31909, A
35	32	42.1	366	6	US-10-953-349-17278	Sequence 17278, A
36	32	42.1	366	6	US-10-953-349-31908	Sequence 31908, A
37	32	42.1	368	6	US-10-953-349-31907	Sequence 31907, A
38	32	42.1	375	6	US-10-953-349-24056	Sequence 24056, A
39	32	42.1	377	6	US-10-953-349-17277	Sequence 17277, A
40	32	42.1	429	6	US-10-953-349-24055	Sequence 24055, A
41	32	42.1	563	7	US-11-238-282-33	Sequence 33, Appl
42	32	42.1	682	6	US-10-953-349-11676	Sequence 11676, A
43	32	42.1	1018	7	US-11-293-697-2998	Sequence 2998, Ap
44	31.5	41.4	604	6	US-10-953-349-7849	Sequence 7849, Ap
45	31.5	41.4	623	6	US-10-953-349-7848	Sequence 7848, Ap
46	31.5	41.4	675	6	US-10-953-349-7847	Sequence 7847, Ap
47	31	40.8	150	6	US-10-953-349-27238	Sequence 27238, A
48	31	40.8	209	6	US-10-953-349-11931	Sequence 11931, A
49	31	40.8	210	6	US-10-953-349-11930	Sequence 11930, A
50	31	40.8	246	6	US-10-953-349-17768	Sequence 17768, A
51	31	40.8	247	6	US-10-953-349-17767	Sequence 17767, A
52	31	40.8	255	7	US-11-293-697-4175	Sequence 4175, Ap
53	31	40.8	302	6	US-10-953-349-7938	Sequence 7938, Ap
54	31	40.8	311	6	US-10-953-349-7937	Sequence 7937, Ap
55	31	40.8	326	6	US-10-953-349-7936	Sequence 7936, Ap
56	31	40.8	340	7	US-11-271-287-34	Sequence 34, Appl
57	31	40.8	362	6	US-10-511-937-2608	Sequence 2608, Ap
58	31	40.8	371	6	US-10-953-349-5963	Sequence 5963, Ap
59	31	40.8	372	6	US-10-953-349-5962	Sequence 5962, Ap
60	31	40.8	374	6	US-10-953-349-5961	Sequence 5961, Ap
61	31	40.8	441	6	US-10-953-349-31759	Sequence 31759, A
62	31	40.8	452	6	US-10-953-349-34342	Sequence 34342, A
63	31	40.8	504	6	US-10-953-349-3846	Sequence 3846, Ap



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GenCore version 5.1.9  
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OM protein - protein search, using sw model

Run on: June 2, 2006, 19:08:52 ; Search time 12.1854 Seconds  
(without alignments)  
114.932 Million cell updates/sec

Title: US-10-001-938-18  
Perfect score: 80  
Sequence: 1 QAYEVLSDAKKRELYD 16

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 650591 seqs, 87530628 residues

Total number of hits satisfying chosen parameters: 650591

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 1000 summaries

Database : Issued\_Patents\_AA:\*  
1: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/5\_COMB.pep:\*  
2: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/6\_COMB.pep:\*  
3: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/7\_COMB.pep:\*  
4: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/H\_COMB.pep:\*  
5: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/PCTUS\_COMB.pep:\*  
6: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/RE\_COMB.pep:\*  
7: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/backfiles1.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	% Match	Query Length	DB	ID	Description
1	80	100.0	102	2	US-09-513-999C-5137	Sequence 5137, Ap
2	80	100.0	127	2	US-09-370-838-199	Sequence 199, App

3	80	100.0	127	2	US-09-854-133-199	Sequence 199, App
4	80	100.0	397	1	US-08-868-288A-5	Sequence 5, Appli
5	80	100.0	397	2	US-09-235-373-5	Sequence 5, Appli
6	80	100.0	397	2	US-09-388-993-5	Sequence 5, Appli
7	80	100.0	397	2	US-09-919-039-178	Sequence 178, App
8	80	100.0	397	2	US-09-538-092-1052	Sequence 1052, Ap
9	80	100.0	397	2	US-09-501-714-5	Sequence 5, Appli
10	72	90.0	330	1	US-08-868-288A-3	Sequence 3, Appli
11	72	90.0	330	2	US-09-235-373-3	Sequence 3, Appli
12	72	90.0	330	2	US-09-388-993-3	Sequence 3, Appli
13	72	90.0	330	2	US-09-501-714-3	Sequence 3, Appli
14	70	87.5	334	3	US-10-429-223-3	Sequence 3, Appli
15	70	87.5	337	2	US-09-665-479A-8	Sequence 8, Appli
16	70	87.5	397	3	US-10-429-223-2	Sequence 2, Appli
17	70	87.5	397	3	US-10-429-223-4	Sequence 4, Appli
18	69	86.2	419	1	US-08-686-417-3	Sequence 3, Appli
19	64	80.0	152	2	US-09-270-767-46278	Sequence 46278, A
20	64	80.0	277	1	US-08-868-288A-7	Sequence 7, Appli
21	64	80.0	277	2	US-09-235-373-7	Sequence 7, Appli
22	64	80.0	277	2	US-09-388-993-7	Sequence 7, Appli
23	64	80.0	277	2	US-09-501-714-7	Sequence 7, Appli
24	64	80.0	327	2	US-09-949-016-11262	Sequence 11262, A
25	64	80.0	351	1	US-08-868-288A-6	Sequence 6, Appli
26	64	80.0	351	2	US-09-235-373-6	Sequence 6, Appli
27	64	80.0	351	2	US-09-388-993-6	Sequence 6, Appli
28	64	80.0	351	2	US-09-501-714-6	Sequence 6, Appli
29	62	77.5	348	1	US-08-974-546-1	Sequence 1, Appli
30	62	77.5	375	2	US-09-328-352-4984	Sequence 4984, Ap
31	62	77.5	397	2	US-09-248-796A-17628	Sequence 17628, A
32	61	76.2	75	2	US-09-513-999C-6016	Sequence 6016, Ap
33	61	76.2	381	2	US-09-252-991A-27174	Sequence 27174, A
34	60	75.0	51	1	US-08-346-849-12	Sequence 12, Appl
35	60	75.0	51	1	US-08-293-284A-12	Sequence 12, Appl
36	60	75.0	51	2	US-08-898-300-12	Sequence 12, Appl
37	60	75.0	51	2	US-08-824-513-12	Sequence 12, Appl
38	60	75.0	340	1	US-08-974-546-5	Sequence 5, Appli
39	60	75.0	340	2	US-09-949-016-6691	Sequence 6691, Ap
40	60	75.0	363	2	US-09-949-016-8899	Sequence 8899, Ap
41	60	75.0	391	2	US-09-902-540-11110	Sequence 11110, A
42	59	73.8	392	2	US-09-198-452A-48	Sequence 48, Appl
43	59	73.8	406	2	US-09-438-185A-34	Sequence 34, Appl
44	58	72.5	49	1	US-08-346-849-11	Sequence 11, Appl
45	58	72.5	49	1	US-08-293-284A-11	Sequence 11, Appl
46	58	72.5	49	2	US-08-898-300-11	Sequence 11, Appl
47	58	72.5	49	2	US-08-824-513-11	Sequence 11, Appl
48	58	72.5	286	2	US-09-248-796A-16992	Sequence 16992, A
49	58	72.5	358	1	US-08-868-288A-1	Sequence 1, Appli
50	58	72.5	358	2	US-09-235-373-1	Sequence 1, Appli
51	58	72.5	358	2	US-09-388-993-1	Sequence 1, Appli
52	58	72.5	358	2	US-09-991-181-148	Sequence 148, App
53	58	72.5	358	2	US-09-501-714-1	Sequence 1, Appli
54	58	72.5	358	2	US-09-990-444-148	Sequence 148, App
55	58	72.5	358	2	US-09-997-333-148	Sequence 148, App
56	58	72.5	358	2	US-09-992-598-148	Sequence 148, App
57	58	72.5	358	2	US-09-989-735-148	Sequence 148, App
58	58	72.5	358	3	US-09-989-726-148	Sequence 148, App
59	58	72.5	358	3	US-09-997-514-148	Sequence 148, App
60	58	72.5	358	3	US-09-989-728-148	Sequence 148, App
61	58	72.5	358	3	US-09-997-349-148	Sequence 148, App
62	58	72.5	358	3	US-09-997-653-148	Sequence 148, App
63	58	72.5	358	3	US-09-989-293A-148	Sequence 148, App

SCORE Search Results Details for Application  
10001938 and Search Result us-10-001-938  
18.rapbm.

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OM protein - protein search, using sw model

Run on: June 2, 2006, 19:29:53 ; Search time 81.0596 Seconds  
(without alignments)  
91.432 Million cell updates/sec

Title: US-10-001-938-18  
Perfect score: 80  
Sequence: 1 QAYEVLSDAKKRELYD 16

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 2097797 seqs, 463214858 residues

Total number of hits satisfying chosen parameters: 2097797

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 1000 summaries

Database : Published\_Applications\_AA\_Main:  
1: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US07\_PUBCOMB.pep:\*  
2: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US08\_PUBCOMB.pep:\*  
3: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US09\_PUBCOMB.pep:\*  
4: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US10A\_PUBCOMB.pep:\*  
5: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US10B\_PUBCOMB.pep:\*  
6: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US11\_PUBCOMB.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query		DB	ID	Description
		Match	Length			
1	80	100.0	16	4	US-10-001-938-18	Sequence 18, Appl

2	80	100.0	127	3	US-09-738-973-199	Sequence 199, App
3	80	100.0	127	3	US-09-854-133-199	Sequence 199, App
4	80	100.0	127	4	US-10-144-649A-199	Sequence 199, App
5	80	100.0	252	4	US-10-264-049-4191	Sequence 4191, Ap
6	80	100.0	397	3	US-09-919-039-178	Sequence 178, App
7	80	100.0	397	5	US-10-473-127-1138	Sequence 1138, Ap
8	80	100.0	397	5	US-10-473-127-1139	Sequence 1139, Ap
9	80	100.0	397	5	US-10-473-127-1140	Sequence 1140, Ap
10	80	100.0	397	5	US-10-473-127-1143	Sequence 1143, Ap
11	80	100.0	397	5	US-10-473-127-1144	Sequence 1144, Ap
12	80	100.0	397	5	US-10-473-127-1145	Sequence 1145, Ap
13	80	100.0	397	5	US-10-756-149-4727	Sequence 4727, Ap
14	80	100.0	397	5	US-10-631-467-559	Sequence 559, App
15	80	100.0	397	5	US-10-878-556A-155	Sequence 155, App
16	80	100.0	408	5	US-10-450-763-40099	Sequence 40099, A
17	74	92.5	397	5	US-10-631-467-1386	Sequence 1386, Ap
18	73	91.2	105	4	US-10-425-115-295507	Sequence 295507,
19	72	90.0	242	4	US-10-264-049-2674	Sequence 2674, Ap
20	70	87.5	334	4	US-10-429-223-3	Sequence 3, Appli
21	70	87.5	337	4	US-10-788-792-162	Sequence 162, App
22	70	87.5	397	4	US-10-429-223-2	Sequence 2, Appli
23	70	87.5	397	4	US-10-429-223-4	Sequence 4, Appli
24	69	86.2	59	4	US-10-425-115-337846	Sequence 337846,
25	69	86.2	103	4	US-10-425-115-205457	Sequence 205457,
26	69	86.2	153	4	US-10-425-115-295502	Sequence 295502,
27	69	86.2	167	4	US-10-767-701-39847	Sequence 39847, A
28	69	86.2	183	4	US-10-425-115-295514	Sequence 295514,
29	69	86.2	192	4	US-10-425-115-295500	Sequence 295500,
30	69	86.2	194	4	US-10-425-115-295516	Sequence 295516,
31	69	86.2	211	4	US-10-767-701-47401	Sequence 47401, A
32	69	86.2	212	4	US-10-425-115-309309	Sequence 309309,
33	69	86.2	217	4	US-10-424-599-271036	Sequence 271036,
34	69	86.2	232	5	US-10-480-988-22	Sequence 22, Appl
35	69	86.2	267	3	US-09-764-868-1164	Sequence 1164, Ap
36	69	86.2	267	3	US-09-764-891-4089	Sequence 4089, Ap
37	69	86.2	363	4	US-10-425-115-304214	Sequence 304214,
38	69	86.2	397	4	US-10-108-260A-3837	Sequence 3837, Ap
39	69	86.2	410	4	US-10-424-599-271035	Sequence 271035,
40	69	86.2	417	4	US-10-424-599-186616	Sequence 186616,
41	69	86.2	417	4	US-10-424-599-271037	Sequence 271037,
42	69	86.2	417	4	US-10-437-963-194306	Sequence 194306,
43	69	86.2	417	4	US-10-425-115-307680	Sequence 307680,
44	69	86.2	418	4	US-10-425-115-307678	Sequence 307678,
45	69	86.2	418	4	US-10-425-115-307679	Sequence 307679,
46	69	86.2	419	4	US-10-437-963-194308	Sequence 194308,
47	69	86.2	419	4	US-10-767-701-47403	Sequence 47403, A
48	69	86.2	419	4	US-10-425-115-266771	Sequence 266771,
49	69	86.2	419	4	US-10-425-115-266773	Sequence 266773,
50	69	86.2	419	4	US-10-425-115-266781	Sequence 266781,
51	69	86.2	419	4	US-10-425-115-305086	Sequence 305086,
52	69	86.2	419	6	US-11-096-568A-21864	Sequence 21864, A
53	69	86.2	420	4	US-10-425-115-266776	Sequence 266776,
54	69	86.2	421	4	US-10-425-114-63525	Sequence 63525, A
55	69	86.2	426	4	US-10-108-260A-4751	Sequence 4751, Ap
56	69	86.2	433	4	US-10-425-114-60908	Sequence 60908, A
57	69	86.2	449	4	US-10-425-114-62758	Sequence 62758, A
58	69	86.2	449	4	US-10-425-114-63503	Sequence 63503, A
59	69	86.2	449	4	US-10-425-114-65975	Sequence 65975, A
60	69	86.2	449	4	US-10-425-114-73027	Sequence 73027, A
61	69	86.2	450	4	US-10-425-114-46482	Sequence 46482, A
62	69	86.2	450	4	US-10-425-114-51073	Sequence 51073, A

# SCORE Search Results Details for Application 10001938 and Search Result us-10-001-938-18.rapbn.

<a href="#">Score Home Page</a>	<a href="#">Retrieve Application List</a>	<a href="#">SCORE System Overview</a>	<a href="#">SCORE FAQ</a>	<a href="#">Comments / Suggestions</a>
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This page gives you Search Results detail for the Application 10001938 and Search Result us-10-001-938-18.rapbn.

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GenCore version 5.1.9  
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OM protein - protein search, using sw model

Run on: June 2, 2006, 19:30:30 ; Search time 3.81457 Seconds  
(without alignments)  
48.509 Million cell updates/sec

Title: US-10-001-938-18  
Perfect score: 80  
Sequence: 1 QAYEVLSDAKKRELYD 16

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 58871 seqs, 11565156 residues

Total number of hits satisfying chosen parameters: 58871

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 1000 summaries

Database : Published\_Applications\_AA\_New:\*  
1: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US09\_NEW\_PUB.pep:\*  
2: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US06\_NEW\_PUB.pep:\*  
3: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US07\_NEW\_PUB.pep:\*  
4: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US08\_NEW\_PUB.pep:\*  
5: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/PCT\_NEW\_PUB.pep:\*  
6: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US10\_NEW\_PUB.pep:\*  
7: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US11\_NEW\_PUB.pep:\*  
8: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US60\_NEW\_PUB.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result	% Query
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No.	Score	Match	Length	DB	ID	Description
1	80	100.0	16	6	US-10-490-949-27	Sequence 27, Appl
2	69	86.2	397	7	US-11-293-697-3837	Sequence 3837, Ap
3	69	86.2	417	6	US-10-953-349-16377	Sequence 16377, A
4	69	86.2	419	6	US-10-953-349-1054	Sequence 1054, Ap
5	69	86.2	426	7	US-11-293-697-4751	Sequence 4751, Ap
6	66	82.5	156	6	US-10-953-349-28215	Sequence 28215, A
7	66	82.5	190	6	US-10-953-349-28214	Sequence 28214, A
8	66	82.5	191	6	US-10-953-349-28213	Sequence 28213, A
9	65	81.2	382	6	US-10-953-349-13710	Sequence 13710, A
10	65	81.2	420	6	US-10-953-349-13709	Sequence 13709, A
11	64	80.0	16	6	US-10-490-949-28	Sequence 28, Appl
12	62	77.5	308	6	US-10-953-349-33811	Sequence 33811, A
13	62	77.5	336	6	US-10-953-349-33810	Sequence 33810, A
14	62	77.5	430	6	US-10-953-349-33809	Sequence 33809, A
15	59	73.8	332	6	US-10-953-349-1407	Sequence 1407, Ap
16	59	73.8	367	6	US-10-953-349-1406	Sequence 1406, Ap
17	59	73.8	456	6	US-10-953-349-1405	Sequence 1405, Ap
18	57	71.2	321	6	US-10-953-349-950	Sequence 950, App
19	57	71.2	323	6	US-10-953-349-949	Sequence 949, App
20	57	71.2	349	6	US-10-953-349-948	Sequence 948, App
21	57	71.2	380	6	US-10-953-349-7175	Sequence 7175, Ap
22	57	71.2	391	6	US-10-953-349-7174	Sequence 7174, Ap
23	57	71.2	442	6	US-10-953-349-7173	Sequence 7173, Ap
24	54	67.5	189	7	US-11-293-697-4556	Sequence 4556, Ap
25	54	67.5	389	7	US-11-122-986-185	Sequence 185, App
26	54	67.5	389	7	US-11-122-986-187	Sequence 187, App
27	54	67.5	583	6	US-10-953-349-35418	Sequence 35418, A
28	54	67.5	630	6	US-10-953-349-35417	Sequence 35417, A
29	53	66.2	307	6	US-10-953-349-2183	Sequence 2183, Ap
30	53	66.2	335	6	US-10-953-349-2182	Sequence 2182, Ap
31	53	66.2	343	6	US-10-953-349-2181	Sequence 2181, Ap
32	52	65.0	60	6	US-10-953-349-31081	Sequence 31081, A
33	52	65.0	95	6	US-10-953-349-31080	Sequence 31080, A
34	52	65.0	119	6	US-10-953-349-5019	Sequence 5019, Ap
35	52	65.0	119	6	US-10-953-349-28161	Sequence 28161, A
36	52	65.0	147	6	US-10-953-349-28160	Sequence 28160, A
37	52	65.0	155	6	US-10-953-349-28159	Sequence 28159, A
38	52	65.0	156	6	US-10-953-349-5018	Sequence 5018, Ap
39	52	65.0	530	6	US-10-953-349-20585	Sequence 20585, A
40	51	63.7	339	6	US-10-953-349-12422	Sequence 12422, A
41	51	63.7	379	6	US-10-953-349-11645	Sequence 11645, A
42	51	63.7	468	6	US-10-953-349-32244	Sequence 32244, A
43	51	63.7	486	6	US-10-953-349-32243	Sequence 32243, A
44	50	62.5	391	6	US-10-953-349-7627	Sequence 7627, Ap
45	49	61.3	340	6	US-10-953-349-24393	Sequence 24393, A
46	49	61.3	427	6	US-10-953-349-24392	Sequence 24392, A
47	49	61.3	445	6	US-10-953-349-24391	Sequence 24391, A
48	47	58.8	305	6	US-10-953-349-23847	Sequence 23847, A
49	45	56.2	260	7	US-11-293-697-2489	Sequence 2489, Ap
50	44	55.0	160	6	US-10-953-349-6860	Sequence 6860, Ap
51	44	55.0	199	6	US-10-953-349-9116	Sequence 9116, Ap
52	44	55.0	248	6	US-10-953-349-9115	Sequence 9115, Ap
53	43	53.8	161	6	US-10-953-349-37092	Sequence 37092, A
54	43	53.8	190	6	US-10-953-349-37091	Sequence 37091, A
55	42	52.5	138	6	US-10-953-349-20728	Sequence 20728, A
56	42	52.5	158	6	US-10-953-349-20727	Sequence 20727, A
57	42	52.5	159	6	US-10-953-349-20726	Sequence 20726, A
58	42	52.5	169	6	US-10-953-349-27713	Sequence 27713, A
59	42	52.5	465	6	US-10-953-349-8070	Sequence 8070, Ap

# SCORE Search Results Details for Application 10001938 and Search Result us-10-001-938-2.

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This page gives you Search Results detail for the Application 10001938 and Search Result us-10-001-938-2.

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GenCore version 5.1.9  
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OM protein - protein search, using sw model

Run on: June 2, 2006, 19:08:52 ; Search time 11.4238 Seconds  
(without alignments)  
114.932 Million cell updates/sec

Title: US-10-001-938-2  
Perfect score: 82  
Sequence: 1 RKAYKRLAMKYHPDR 15

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 650591 seqs, 87530628 residues

Total number of hits satisfying chosen parameters: 650591

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 1000 summaries

Database : Issued\_Patents\_AA:\*  
1: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/5\_COMB.pep:\*  
2: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/6\_COMB.pep:\*  
3: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/7\_COMB.pep:\*  
4: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/H\_COMB.pep:\*  
5: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/PCTUS\_COMB.pep:\*  
6: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/RE\_COMB.pep:\*  
7: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/backfiles1.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	% Match	Query Length	DB ID	Description
1	82	100.0	52	1	US-08-346-849-8 Sequence 8, Appli
2	82	100.0	52	1	US-08-293-284A-8 Sequence 8, Appli

3	82	100.0	52	2	US-08-898-300-8	Sequence 8, Appli
4	82	100.0	52	2	US-08-824-513-8	Sequence 8, Appli
5	82	100.0	131	2	US-09-553-498-4	Sequence 4, Appli
6	82	100.0	131	2	US-09-618-869-4	Sequence 4, Appli
7	82	100.0	399	2	US-09-553-498-2	Sequence 2, Appli
8	82	100.0	399	2	US-09-618-869-2	Sequence 2, Appli
9	79	96.3	380	2	US-09-489-039A-9011	Sequence 9011, Ap
10	76	92.7	380	2	US-09-543-681A-5912	Sequence 5912, Ap
11	76	92.7	381	2	US-09-252-991A-27174	Sequence 27174, A
12	73	89.0	375	2	US-09-328-352-4984	Sequence 4984, Ap
13	68	82.9	376	3	US-10-375-010-22	Sequence 22, Appl
14	67	81.7	87	2	US-09-882-835-4	Sequence 4, Appli
15	67	81.7	102	2	US-09-513-999C-5137	Sequence 5137, Ap
16	67	81.7	127	2	US-09-370-838-199	Sequence 199, App
17	67	81.7	127	2	US-09-854-133-199	Sequence 199, App
18	67	81.7	397	1	US-08-868-288A-5	Sequence 5, Appli
19	67	81.7	397	2	US-09-235-373-5	Sequence 5, Appli
20	67	81.7	397	2	US-09-388-993-5	Sequence 5, Appli
21	67	81.7	397	2	US-09-919-039-178	Sequence 178, App
22	67	81.7	397	2	US-09-538-092-1052	Sequence 1052, Ap
23	67	81.7	397	2	US-09-501-714-5	Sequence 5, Appli
24	67	81.7	397	3	US-10-429-223-2	Sequence 2, Appli
25	67	81.7	397	3	US-10-429-223-4	Sequence 4, Appli
26	67	81.7	407	2	US-09-540-236-2899	Sequence 2899, Ap
27	66	80.5	392	2	US-09-198-452A-48	Sequence 48, Appl
28	66	80.5	406	2	US-09-438-185A-34	Sequence 34, Appl
29	65	79.3	348	1	US-08-974-546-1	Sequence 1, Appli
30	63	76.8	52	1	US-08-346-849-10	Sequence 10, Appl
31	63	76.8	52	1	US-08-293-284A-10	Sequence 10, Appl
32	63	76.8	52	2	US-08-898-300-10	Sequence 10, Appl
33	63	76.8	52	2	US-08-824-513-10	Sequence 10, Appl
34	63	76.8	96	2	US-09-621-976-4045	Sequence 4045, Ap
35	63	76.8	147	2	US-09-270-767-33311	Sequence 33311, A
36	63	76.8	147	2	US-09-270-767-48528	Sequence 48528, A
37	63	76.8	147	2	US-09-513-999C-6925	Sequence 6925, Ap
38	63	76.8	223	2	US-09-658-644-4	Sequence 4, Appli
39	63	76.8	223	2	US-09-949-016-6832	Sequence 6832, Ap
40	63	76.8	267	2	US-09-949-016-11497	Sequence 11497, A
41	62	75.6	51	1	US-08-346-849-12	Sequence 12, Appl
42	62	75.6	51	1	US-08-293-284A-12	Sequence 12, Appl
43	62	75.6	51	2	US-08-898-300-12	Sequence 12, Appl
44	62	75.6	51	2	US-08-824-513-12	Sequence 12, Appl
45	62	75.6	199	2	US-09-248-796A-16959	Sequence 16959, A
46	62	75.6	206	2	US-09-830-230A-294	Sequence 294, App
47	62	75.6	250	2	US-09-830-230A-293	Sequence 293, App
48	62	75.6	320	2	US-09-328-352-7937	Sequence 7937, Ap
49	62	75.6	330	1	US-08-868-288A-3	Sequence 3, Appli
50	62	75.6	330	2	US-09-235-373-3	Sequence 3, Appli
51	62	75.6	330	2	US-09-388-993-3	Sequence 3, Appli
52	62	75.6	330	2	US-09-501-714-3	Sequence 3, Appli
53	62	75.6	347	2	US-09-248-796A-19195	Sequence 19195, A
54	62	75.6	382	2	US-09-603-208A-40	Sequence 40, Appl
55	62	75.6	391	2	US-09-902-540-11110	Sequence 11110, A
56	62	75.6	397	2	US-09-248-796A-17628	Sequence 17628, A
57	61	74.4	185	2	US-09-134-000C-6695	Sequence 6695, Ap
58	61	74.4	734	2	US-09-248-796A-16776	Sequence 16776, A
59	60	73.2	75	2	US-09-513-999C-6016	Sequence 6016, Ap
60	59	72.0	54	1	US-08-346-849-13	Sequence 13, Appl
61	59	72.0	54	1	US-08-293-284A-13	Sequence 13, Appl
62	59	72.0	54	2	US-08-898-300-13	Sequence 13, Appl
63	59	72.0	54	2	US-08-824-513-13	Sequence 13, Appl

# SCORE Search Results Details for Application 10001938 and Search Result us-10-001-938-2.rapbm

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This page gives you Search Results detail for the Application 10001938 and Search Result us-10-001-938-2.rapbm.

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GenCore version 5.1.9  
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OM protein - protein search, using sw model

Run on: June 2, 2006, 19:29:53 ; Search time 75.9934 Seconds  
(without alignments)  
91.432 Million cell updates/sec

Title: US-10-001-938-2  
Perfect score: 82  
Sequence: 1 RKAYKRLAMKYHPDR 15

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 2097797 seqs, 463214858 residues

Total number of hits satisfying chosen parameters: 2097797

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 1000 summaries

Database : Published\_Applications\_AA\_Main:\*  
1: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US07\_PUBCOMB.pep:\*  
2: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US08\_PUBCOMB.pep:\*  
3: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US09\_PUBCOMB.pep:\*  
4: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US10A\_PUBCOMB.pep:\*  
5: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US10B\_PUBCOMB.pep:\*  
6: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US11\_PUBCOMB.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	% Match	Query Length	DB ID	Description
1	82	100.0	15	4	US-10-001-938-2
2	82	100.0	52	4	US-10-390-472-8
3	82	100.0	376	4	US-10-369-493-689

4	82	100.0	376	6	US-11-080-458-32	Sequence 32, Appl
5	82	100.0	476	5	US-10-450-763-48130	Sequence 48130, A
6	79	96.3	378	4	US-10-369-493-21305	Sequence 21305, A
7	75	91.5	378	4	US-10-369-493-386	Sequence 386, App
8	73	89.0	158	4	US-10-425-114-48912	Sequence 48912, A
9	73	89.0	326	4	US-10-425-115-300448	Sequence 300448,
10	73	89.0	369	4	US-10-369-493-19646	Sequence 19646, A
11	71	86.6	362	4	US-10-369-493-9305	Sequence 9305, Ap
12	71	86.6	374	4	US-10-369-493-13658	Sequence 13658, A
13	71	86.6	375	4	US-10-369-493-15859	Sequence 15859, A
14	71	86.6	376	4	US-10-369-493-15487	Sequence 15487, A
15	70	85.4	230	5	US-10-467-657-3888	Sequence 3888, Ap
16	69	84.1	276	4	US-10-282-122A-47226	Sequence 47226, A
17	68	82.9	42	4	US-10-437-963-128035	Sequence 128035,
18	68	82.9	153	4	US-10-424-599-257493	Sequence 257493,
19	68	82.9	166	4	US-10-437-963-119078	Sequence 119078,
20	68	82.9	166	4	US-10-425-115-238005	Sequence 238005,
21	68	82.9	168	4	US-10-425-115-252651	Sequence 252651,
22	68	82.9	217	4	US-10-424-599-257471	Sequence 257471,
23	68	82.9	248	4	US-10-424-599-191917	Sequence 191917,
24	68	82.9	276	4	US-10-424-599-191915	Sequence 191915,
25	68	82.9	276	6	US-11-096-568A-8289	Sequence 8289, Ap
26	68	82.9	289	4	US-10-424-599-192793	Sequence 192793,
27	68	82.9	306	6	US-11-039-722-4	Sequence 4, Appli
28	68	82.9	376	4	US-10-375-010-22	Sequence 22, Appl
29	68	82.9	376	6	US-11-232-406A-22	Sequence 22, Appl
30	68	82.9	378	4	US-10-369-493-8450	Sequence 8450, Ap
31	68	82.9	379	4	US-10-369-493-7330	Sequence 7330, Ap
32	68	82.9	380	4	US-10-369-493-4573	Sequence 4573, Ap
33	67	81.7	15	4	US-10-001-938-14	Sequence 14, Appl
34	67	81.7	58	4	US-10-335-977-7661	Sequence 7661, Ap
35	67	81.7	66	6	US-11-039-722-7	Sequence 7, Appli
36	67	81.7	69	4	US-10-335-977-7663	Sequence 7663, Ap
37	67	81.7	87	4	US-10-145-586-48	Sequence 48, Appl
38	67	81.7	127	3	US-09-738-973-199	Sequence 199, App
39	67	81.7	127	3	US-09-854-133-199	Sequence 199, App
40	67	81.7	127	4	US-10-144-649A-199	Sequence 199, App
41	67	81.7	150	4	US-10-425-115-206200	Sequence 206200,
42	67	81.7	154	4	US-10-424-599-217994	Sequence 217994,
43	67	81.7	334	4	US-10-161-051-134	Sequence 134, App
44	67	81.7	334	6	US-11-097-143-22242	Sequence 22242, A
45	67	81.7	369	3	US-09-895-913A-180	Sequence 180, App
46	67	81.7	369	4	US-10-335-977-7666	Sequence 7666, Ap
47	67	81.7	379	4	US-10-369-493-22783	Sequence 22783, A
48	67	81.7	397	3	US-09-919-039-178	Sequence 178, App
49	67	81.7	397	4	US-10-108-260A-3837	Sequence 3837, Ap
50	67	81.7	397	4	US-10-429-223-2	Sequence 2, Appli
51	67	81.7	397	4	US-10-429-223-4	Sequence 4, Appli
52	67	81.7	397	5	US-10-473-127-1138	Sequence 1138, Ap
53	67	81.7	397	5	US-10-473-127-1139	Sequence 1139, Ap
54	67	81.7	397	5	US-10-473-127-1140	Sequence 1140, Ap
55	67	81.7	397	5	US-10-473-127-1143	Sequence 1143, Ap
56	67	81.7	397	5	US-10-473-127-1144	Sequence 1144, Ap
57	67	81.7	397	5	US-10-473-127-1145	Sequence 1145, Ap
58	67	81.7	397	5	US-10-756-149-4727	Sequence 4727, Ap
59	67	81.7	397	5	US-10-631-467-559	Sequence 559, App
60	67	81.7	397	5	US-10-631-467-1386	Sequence 1386, Ap
61	67	81.7	397	5	US-10-878-556A-155	Sequence 155, App
62	67	81.7	403	6	US-11-097-143-24405	Sequence 24405, A
63	67	81.7	403	6	US-11-097-143-41904	Sequence 41904, A
64	67	81.7	408	5	US-10-450-763-40099	Sequence 40099, A



## SCORE Search Results Details for Application 10001938 and Search Result us-10-001-938-2.rapbn.

<a href="#">Score Home Page</a>	<a href="#">Retrieve Application List</a>	<a href="#">SCORE System Overview</a>	<a href="#">SCORE FAQ</a>	<a href="#">Comments / Suggestions</a>
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This page gives you Search Results detail for the Application 10001938 and Search Result us-10-001-938-2.rapbn.

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GenCore version 5.1.9  
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OM protein - protein search, using sw model

Run on: June 2, 2006, 19:30:30 ; Search time 3.57616 Seconds  
(without alignments)  
48.509 Million cell updates/sec

Title: US-10-001-938-2  
Perfect score: 82  
Sequence: 1 RKAYKRLAMKYHPDR 15

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 58871 seqs, 11565156 residues

Total number of hits satisfying chosen parameters: 58871

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 1000 summaries

Database : Published\_Applications\_AA\_New:\*  
1: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US09\_NEW\_PUB.pep:\*  
2: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US06\_NEW\_PUB.pep:\*  
3: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US07\_NEW\_PUB.pep:\*  
4: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US08\_NEW\_PUB.pep:\*  
5: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/PCT\_NEW\_PUB.pep:\*  
6: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US10\_NEW\_PUB.pep:\*  
7: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US11\_NEW\_PUB.pep:\*  
8: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US60\_NEW\_PUB.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

### SUMMARIES

Result	% Query
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No.	Score	Match	Length	DB	ID	Description
1	82	100.0	15	6	US-10-490-949-3	Sequence 3, Appli
2	67	81.7	15	6	US-10-490-949-23	Sequence 23, Appl
3	67	81.7	397	7	US-11-293-697-3837	Sequence 3837, Ap
4	65	79.3	95	6	US-10-953-349-31080	Sequence 31080, A
5	65	79.3	156	6	US-10-953-349-5018	Sequence 5018, Ap
6	65	79.3	335	6	US-10-953-349-2182	Sequence 2182, Ap
7	65	79.3	343	6	US-10-953-349-2181	Sequence 2181, Ap
8	63	76.8	349	6	US-10-953-349-948	Sequence 948, App
9	62	75.6	336	6	US-10-953-349-33810	Sequence 33810, A
10	62	75.6	430	6	US-10-953-349-33809	Sequence 33809, A
11	61	74.4	465	6	US-10-953-349-8070	Sequence 8070, Ap
12	61	74.4	473	6	US-10-953-349-8069	Sequence 8069, Ap
13	61	74.4	482	6	US-10-953-349-8068	Sequence 8068, Ap
14	60	73.2	305	6	US-10-953-349-23847	Sequence 23847, A
15	59	72.0	190	6	US-10-953-349-28214	Sequence 28214, A
16	59	72.0	191	6	US-10-953-349-28213	Sequence 28213, A
17	59	72.0	199	6	US-10-953-349-9116	Sequence 9116, Ap
18	59	72.0	248	6	US-10-953-349-9115	Sequence 9115, Ap
19	59	72.0	273	6	US-10-953-349-4464	Sequence 4464, Ap
20	59	72.0	349	6	US-10-953-349-4463	Sequence 4463, Ap
21	59	72.0	367	6	US-10-953-349-4462	Sequence 4462, Ap
22	59	72.0	389	7	US-11-122-986-185	Sequence 185, App
23	59	72.0	389	7	US-11-122-986-187	Sequence 187, App
24	58	70.7	15	6	US-10-490-949-22	Sequence 22, Appl
25	58	70.7	426	7	US-11-293-697-4751	Sequence 4751, Ap
26	56	68.3	313	6	US-10-953-349-23774	Sequence 23774, A
27	56	68.3	334	6	US-10-953-349-23773	Sequence 23773, A
28	56	68.3	420	6	US-10-953-349-13709	Sequence 13709, A
29	56	68.3	583	6	US-10-953-349-35418	Sequence 35418, A
30	56	68.3	605	6	US-10-953-349-2076	Sequence 2076, Ap
31	56	68.3	619	6	US-10-953-349-2075	Sequence 2075, Ap
32	56	68.3	630	6	US-10-953-349-2074	Sequence 2074, Ap
33	56	68.3	630	6	US-10-953-349-35417	Sequence 35417, A
34	55	67.1	15	6	US-10-490-949-21	Sequence 21, Appl
35	55	67.1	338	6	US-10-953-349-20361	Sequence 20361, A
36	55	67.1	385	6	US-10-953-349-20360	Sequence 20360, A
37	55	67.1	417	6	US-10-953-349-16377	Sequence 16377, A
38	55	67.1	419	6	US-10-953-349-1054	Sequence 1054, Ap
39	55	67.1	488	6	US-10-953-349-20359	Sequence 20359, A
40	54	65.9	504	6	US-10-511-937-2547	Sequence 2547, Ap
41	53	64.6	110	6	US-10-953-349-54	Sequence 54, Appl
42	53	64.6	124	6	US-10-953-349-53	Sequence 53, Appl
43	53	64.6	162	6	US-10-953-349-52	Sequence 52, Appl
44	53	64.6	530	6	US-10-953-349-20585	Sequence 20585, A
45	52	63.4	380	6	US-10-953-349-7175	Sequence 7175, Ap
46	52	63.4	391	6	US-10-953-349-7174	Sequence 7174, Ap
47	52	63.4	442	6	US-10-953-349-7173	Sequence 7173, Ap
48	51	62.2	333	6	US-10-953-349-2863	Sequence 2863, Ap
49	51	62.2	333	6	US-10-953-349-11247	Sequence 11247, A
50	46	56.1	119	6	US-10-953-349-28161	Sequence 28161, A
51	46	56.1	138	6	US-10-953-349-39107	Sequence 39107, A
52	46	56.1	147	6	US-10-953-349-28160	Sequence 28160, A
53	46	56.1	155	6	US-10-953-349-28159	Sequence 28159, A
54	46	56.1	157	6	US-10-953-349-38105	Sequence 38105, A
55	46	56.1	174	6	US-10-953-349-39106	Sequence 39106, A
56	46	56.1	189	7	US-11-293-697-4556	Sequence 4556, Ap
57	46	56.1	192	6	US-10-953-349-38104	Sequence 38104, A
58	46	56.1	367	6	US-10-953-349-1406	Sequence 1406, Ap
59	46	56.1	456	6	US-10-953-349-1405	Sequence 1405, Ap

# SCORE Search Results Details for Application 10001938 and Search Result us-10-001-938-20

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This page gives you Search Results detail for the Application 10001938 and Search Result us-10-001-938-20.rai.

[start](#)

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GenCore version 5.1.9  
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OM protein - protein search, using sw model

Run on: June 2, 2006, 19:12:07 ; Search time 12.7 Seconds  
(without alignments)  
103.383 Million cell updates/sec

Title: US-10-001-938-20  
Perfect score: 83  
Sequence: 1 SGPFFTFSSSFPGHS 15

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 650591 seqs, 87530628 residues

Total number of hits satisfying chosen parameters: 650591

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 1000 summaries

Database : Issued\_Patents\_AA:\*  
1: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/5\_COMB.pep:\*  
2: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/6\_COMB.pep:\*  
3: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/7\_COMB.pep:\*  
4: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/H\_COMB.pep:\*  
5: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/PCTUS\_COMB.pep:\*  
6: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/RE\_COMB.pep:\*  
7: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/backfiles1.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	% Match	Query Length	DB ID	Description
1	83	100.0	277	1	US-08-868-288A-7 Sequence 7, Appli
2	83	100.0	277	2	US-09-235-373-7 Sequence 7, Appli

3	83	100.0	277	2	US-09-388-993-7	Sequence 7, Appli
4	83	100.0	277	2	US-09-501-714-7	Sequence 7, Appli
5	83	100.0	327	2	US-09-949-016-11262	Sequence 11262, A
6	83	100.0	351	1	US-08-868-288A-6	Sequence 6, Appli
7	83	100.0	351	2	US-09-235-373-6	Sequence 6, Appli
8	83	100.0	351	2	US-09-388-993-6	Sequence 6, Appli
9	83	100.0	351	2	US-09-501-714-6	Sequence 6, Appli
10	46	55.4	661	2	US-09-949-016-9121	Sequence 9121, Ap
11	40	48.2	190	2	US-09-270-767-58877	Sequence 58877, A
12	40	48.2	201	1	US-08-155-171B-19	Sequence 19, Appl
13	40	48.2	201	1	US-08-435-998-19	Sequence 19, Appl
14	40	48.2	204	1	US-08-155-171B-20	Sequence 20, Appl
15	40	48.2	204	1	US-08-435-998-20	Sequence 20, Appl
16	40	48.2	205	1	US-08-155-171B-17	Sequence 17, Appl
17	40	48.2	205	1	US-08-435-998-17	Sequence 17, Appl
18	40	48.2	206	1	US-08-155-171B-6	Sequence 6, Appli
19	40	48.2	206	1	US-08-435-998-6	Sequence 6, Appli
20	40	48.2	209	1	US-08-155-171B-18	Sequence 18, Appl
21	40	48.2	209	1	US-08-435-998-18	Sequence 18, Appl
22	40	48.2	238	2	US-09-949-016-6334	Sequence 6334, Ap
23	40	48.2	255	2	US-09-949-016-9861	Sequence 9861, Ap
24	40	48.2	280	1	US-08-855-140-1	Sequence 1, Appli
25	40	48.2	286	2	US-09-270-767-43514	Sequence 43514, A
26	40	48.2	297	2	US-10-104-047-2852	Sequence 2852, Ap
27	40	48.2	371	2	US-09-828-302-15	Sequence 15, Appl
28	40	48.2	481	2	US-09-949-016-9509	Sequence 9509, Ap
29	40	48.2	1066	1	US-08-633-770A-1	Sequence 1, Appli
30	40	48.2	1066	2	US-09-280-197-5	Sequence 5, Appli
31	40	48.2	1066	2	US-09-423-126-3	Sequence 3, Appli
32	39	47.0	192	2	US-09-252-991A-32913	Sequence 32913, A
33	39	47.0	236	2	US-08-705-771-19	Sequence 19, Appl
34	39	47.0	236	2	US-09-417-540-19	Sequence 19, Appl
35	39	47.0	259	2	US-09-585-645A-66	Sequence 66, Appl
36	39	47.0	265	1	US-08-807-044-1	Sequence 1, Appli
37	39	47.0	513	2	US-09-862-631-4	Sequence 4, Appli
38	39	47.0	529	2	US-09-801-042-2	Sequence 2, Appli
39	39	47.0	565	2	US-09-489-039A-13730	Sequence 13730, A
40	39	47.0	578	2	US-09-252-991A-16850	Sequence 16850, A
41	38.5	46.4	448	2	US-09-198-452A-216	Sequence 216, App
42	38.5	46.4	457	2	US-09-438-185A-199	Sequence 199, App
43	38	45.8	88	2	US-09-513-999C-7631	Sequence 7631, Ap
44	38	45.8	150	2	US-09-540-236-3000	Sequence 3000, Ap
45	38	45.8	319	2	US-09-248-796A-15068	Sequence 15068, A
46	38	45.8	367	2	US-09-949-016-6722	Sequence 6722, Ap
47	38	45.8	405	2	US-09-949-016-9688	Sequence 9688, Ap
48	38	45.8	512	2	US-09-489-039A-10100	Sequence 10100, A
49	38	45.8	540	2	US-10-094-749-3182	Sequence 3182, Ap
50	38	45.8	548	2	US-09-489-039A-8097	Sequence 8097, Ap
51	37	44.6	33	1	US-08-155-171B-12	Sequence 12, Appl
52	37	44.6	33	1	US-08-435-998-12	Sequence 12, Appl
53	37	44.6	61	2	US-09-621-976-5856	Sequence 5856, Ap
54	37	44.6	61	2	US-09-621-976-5857	Sequence 5857, Ap
55	37	44.6	61	2	US-09-621-976-5872	Sequence 5872, Ap
56	37	44.6	105	2	US-10-104-047-3817	Sequence 3817, Ap
57	37	44.6	119	2	US-09-902-540-10567	Sequence 10567, A
58	37	44.6	135	2	US-09-355-040-15	Sequence 15, Appl
59	37	44.6	150	2	US-09-252-991A-24718	Sequence 24718, A
60	37	44.6	203	2	US-09-248-796A-16268	Sequence 16268, A
61	37	44.6	204	1	US-08-155-171B-2	Sequence 2, Appli
62	37	44.6	204	1	US-08-435-998-2	Sequence 2, Appli
63	37	44.6	267	2	US-09-270-767-37278	Sequence 37278, A

# SCORE Search Results Details for Application 10001938 and Search Result us-10-001-938 20.rapbm.

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This page gives you Search Results detail for the Application 10001938 and Search Result us-10-001-938 20.rapbm.

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GenCore version 5.1.9  
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OM protein - protein search, using sw model

Run on: June 2, 2006, 19:45:16 ; Search time 63.4 Seconds  
(without alignments)  
109.593 Million cell updates/sec

Title: US-10-001-938-20  
Perfect score: 83  
Sequence: 1 SGPFFTFSSSFPGHS 15

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 2097797 seqs, 463214858 residues

Total number of hits satisfying chosen parameters: 2097797

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 1000 summaries

Database : Published\_Applications\_AA\_Main:\*  
1: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US07\_PUBCOMB.pep:\*  
2: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US08\_PUBCOMB.pep:\*  
3: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US09\_PUBCOMB.pep:\*  
4: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US10A\_PUBCOMB.pep:\*  
5: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US10B\_PUBCOMB.pep:\*  
6: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US11\_PUBCOMB.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	% Match	Query Length	ID	Description
1	83	100.0	15	4 US-10-001-938-20	Sequence 20, Appl



2	50	60.2	123	3	US-09-925-297-862	Sequence 862, App
3	49	59.0	137	4	US-10-425-115-269076	Sequence 269076,
4	47	56.6	48	4	US-10-425-115-200603	Sequence 200603,
5	47	56.6	268	4	US-10-282-122A-63570	Sequence 63570, A
6	46	55.4	79	4	US-10-425-115-244806	Sequence 244806,
7	46	55.4	625	4	US-10-072-012-699	Sequence 699, App
8	46	55.4	625	5	US-10-029-345A-39	Sequence 39, Appl
9	46	55.4	625	5	US-10-029-345A-110	Sequence 110, App
10	46	55.4	625	6	US-11-143-984A-39	Sequence 39, Appl
11	46	55.4	625	6	US-11-143-984A-110	Sequence 110, App
12	46	55.4	663	4	US-10-072-012-700	Sequence 700, App
13	46	55.4	663	5	US-10-029-345A-40	Sequence 40, Appl
14	46	55.4	663	6	US-11-143-984A-40	Sequence 40, Appl
15	45	54.2	129	5	US-10-720-603A-26	Sequence 26, Appl
16	45	54.2	283	4	US-10-437-963-199254	Sequence 199254,
17	44	53.0	115	4	US-10-424-599-152729	Sequence 152729,
18	44	53.0	302	4	US-10-425-114-53866	Sequence 53866, A
19	44	53.0	314	4	US-10-425-115-351784	Sequence 351784,
20	43	51.8	38	4	US-10-437-963-122150	Sequence 122150,
21	43	51.8	53	4	US-10-767-701-62139	Sequence 62139, A
22	43	51.8	93	4	US-10-425-115-317926	Sequence 317926,
23	43	51.8	204	6	US-11-087-099-10169	Sequence 10169, A
24	43	51.8	216	4	US-10-425-114-60968	Sequence 60968, A
25	43	51.8	243	5	US-10-739-930-10203	Sequence 10203, A
26	43	51.8	261	4	US-10-425-115-262629	Sequence 262629,
27	43	51.8	269	6	US-11-096-568A-15319	Sequence 15319, A
28	43	51.8	283	4	US-10-437-963-126681	Sequence 126681,
29	43	51.8	285	4	US-10-767-701-44420	Sequence 44420, A
30	43	51.8	289	6	US-11-087-099-6104	Sequence 6104, Ap
31	43	51.8	292	6	US-11-087-099-5026	Sequence 5026, Ap
32	43	51.8	292	6	US-11-087-099-12088	Sequence 12088, A
33	43	51.8	292	6	US-11-096-568A-15318	Sequence 15318, A
34	43	51.8	294	4	US-10-425-115-262631	Sequence 262631,
35	43	51.8	351	6	US-11-096-568A-31831	Sequence 31831, A
36	43	51.8	358	6	US-11-096-568A-15317	Sequence 15317, A
37	43	51.8	378	6	US-11-188-298-17261	Sequence 17261, A
38	43	51.8	395	6	US-11-096-568A-31830	Sequence 31830, A
39	43	51.8	400	6	US-11-096-568A-31829	Sequence 31829, A
40	43	51.8	400	6	US-11-242-650-50	Sequence 50, Appl
41	43	51.8	912	4	US-10-437-963-140140	Sequence 140140,
42	42	50.6	119	4	US-10-425-115-309236	Sequence 309236,
43	42	50.6	127	4	US-10-424-599-269871	Sequence 269871,
44	42	50.6	129	4	US-10-425-115-349086	Sequence 349086,
45	42	50.6	129	5	US-10-720-603A-31	Sequence 31, Appl
46	42	50.6	145	4	US-10-425-115-276721	Sequence 276721,
47	42	50.6	343	4	US-10-156-761-14087	Sequence 14087, A
48	42	50.6	359	3	US-09-764-864-996	Sequence 996, App
49	42	50.6	402	5	US-10-719-993-465	Sequence 465, App
50	42	50.6	441	5	US-10-719-993-461	Sequence 461, App
51	42	50.6	441	5	US-10-719-993-463	Sequence 463, App
52	42	50.6	590	5	US-10-719-993-462	Sequence 462, App
53	42	50.6	1020	5	US-10-719-993-464	Sequence 464, App
54	42	50.6	1229	6	US-11-097-143-42000	Sequence 42000, A
55	41.5	50.0	1010	4	US-10-437-963-180288	Sequence 180288,
56	41	49.4	44	4	US-10-424-599-221131	Sequence 221131,
57	41	49.4	44	4	US-10-425-115-232702	Sequence 232702,
58	41	49.4	65	4	US-10-437-963-148528	Sequence 148528,
59	41	49.4	70	4	US-10-424-599-193370	Sequence 193370,
60	41	49.4	76	4	US-10-425-115-186010	Sequence 186010,
61	41	49.4	97	4	US-10-425-115-367760	Sequence 367760,
62	41	49.4	102	4	US-10-425-115-217338	Sequence 217338,

## SCORE Search Results Details for Application 10001938 and Search Result us-10-001-938-20.rapbn.

<a href="#">Score Home Page</a>	<a href="#">Retrieve Application List</a>	<a href="#">SCORE System Overview</a>	<a href="#">SCORE FAQ</a>	<a href="#">Comments / Suggestions</a>
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This page gives you Search Results detail for the Application 10001938 and Search Result us-10-001-938-20.rapbn.

[start](#)

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OM protein - protein search, using sw model

Run on: June 2, 2006, 19:44:08 ; Search time 3.1 Seconds  
(without alignments)  
55.960 Million cell updates/sec

Title: US-10-001-938-20  
Perfect score: 83  
Sequence: 1 SGPFFTFSSSFPGHS 15

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 58871 seqs, 11565156 residues

Total number of hits satisfying chosen parameters: 58871

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 1000 summaries

Database : Published\_Applications\_AA\_New:\*

- 1: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US09\_NEW\_PUB.pep:\*
- 2: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US06\_NEW\_PUB.pep:\*
- 3: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US07\_NEW\_PUB.pep:\*
- 4: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US08\_NEW\_PUB.pep:\*
- 5: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/PCT\_NEW\_PUB.pep:\*
- 6: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US10\_NEW\_PUB.pep:\*
- 7: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US11\_NEW\_PUB.pep:\*
- 8: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US60\_NEW\_PUB.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

### SUMMARIES

Result	% Query
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No.	Score	Match	Length	DB	ID	Description
1	83	100.0	15	6	US-10-490-949-29	Sequence 29, Appl
2	43	51.8	265	6	US-10-953-349-11490	Sequence 11490, A
3	43	51.8	309	6	US-10-953-349-11489	Sequence 11489, A
4	43	51.8	314	6	US-10-953-349-11488	Sequence 11488, A
5	43	51.8	400	7	US-11-266-446-50	Sequence 50, Appl
6	40	48.2	236	6	US-10-953-349-7596	Sequence 7596, Ap
7	40	48.2	266	6	US-10-953-349-7595	Sequence 7595, Ap
8	39	47.0	216	6	US-10-953-349-36980	Sequence 36980, A
9	39	47.0	226	6	US-10-953-349-36979	Sequence 36979, A
10	39	47.0	425	6	US-10-953-349-2574	Sequence 2574, Ap
11	38	45.8	404	7	US-11-293-697-4601	Sequence 4601, Ap
12	37	44.6	202	7	US-11-293-697-3481	Sequence 3481, Ap
13	37	44.6	250	6	US-10-953-349-34062	Sequence 34062, A
14	37	44.6	269	6	US-10-953-349-34061	Sequence 34061, A
15	37	44.6	274	6	US-10-953-349-34060	Sequence 34060, A
16	37	44.6	437	7	US-11-293-697-3820	Sequence 3820, Ap
17	37	44.6	641	7	US-11-293-697-3240	Sequence 3240, Ap
18	37	44.6	1336	7	US-11-106-014-92	Sequence 92, Appl
19	36	43.4	192	7	US-11-264-509A-1	Sequence 1, Appli
20	36	43.4	245	6	US-10-953-349-6742	Sequence 6742, Ap
21	36	43.4	259	6	US-10-953-349-6741	Sequence 6741, Ap
22	36	43.4	263	6	US-10-953-349-18437	Sequence 18437, A
23	36	43.4	320	6	US-10-953-349-18436	Sequence 18436, A
24	36	43.4	321	6	US-10-953-349-12608	Sequence 12608, A
25	36	43.4	340	6	US-10-953-349-18435	Sequence 18435, A
26	36	43.4	392	6	US-10-953-349-12607	Sequence 12607, A
27	36	43.4	422	6	US-10-953-349-12606	Sequence 12606, A
28	36	43.4	496	7	US-11-254-252-6	Sequence 6, Appli
29	36	43.4	635	7	US-11-254-252-14	Sequence 14, Appl
30	36	43.4	751	7	US-11-254-252-12	Sequence 12, Appl
31	36	43.4	3011	7	US-11-140-487A-771	Sequence 771, App
32	36	43.4	3011	7	US-11-236-836-14	Sequence 14, Appl
33	36	43.4	3011	7	US-11-254-252-20	Sequence 20, Appl
34	35	42.2	100	7	US-11-293-697-2621	Sequence 2621, Ap
35	35	42.2	103	7	US-11-293-697-4841	Sequence 4841, Ap
36	35	42.2	110	7	US-11-293-697-3004	Sequence 3004, Ap
37	35	42.2	170	6	US-10-953-349-34677	Sequence 34677, A
38	35	42.2	270	6	US-10-953-349-2099	Sequence 2099, Ap
39	35	42.2	277	6	US-10-953-349-23050	Sequence 23050, A
40	35	42.2	286	6	US-10-953-349-23049	Sequence 23049, A
41	35	42.2	315	6	US-10-953-349-2098	Sequence 2098, Ap
42	35	42.2	334	6	US-10-953-349-23563	Sequence 23563, A
43	35	42.2	337	6	US-10-953-349-2097	Sequence 2097, Ap
44	35	42.2	357	6	US-10-953-349-23048	Sequence 23048, A
45	35	42.2	417	6	US-10-953-349-23562	Sequence 23562, A
46	35	42.2	425	6	US-10-953-349-23561	Sequence 23561, A
47	35	42.2	471	7	US-11-293-697-4551	Sequence 4551, Ap
48	35	42.2	476	6	US-10-505-928-588	Sequence 588, App
49	34	41.0	164	6	US-10-953-349-36053	Sequence 36053, A
50	34	41.0	167	6	US-10-953-349-37948	Sequence 37948, A
51	34	41.0	176	6	US-10-953-349-31456	Sequence 31456, A
52	34	41.0	176	6	US-10-953-349-36052	Sequence 36052, A
53	34	41.0	177	6	US-10-953-349-37947	Sequence 37947, A
54	34	41.0	226	6	US-10-953-349-14070	Sequence 14070, A
55	34	41.0	249	6	US-10-953-349-14069	Sequence 14069, A
56	34	41.0	256	6	US-10-953-349-4076	Sequence 4076, Ap
57	34	41.0	273	6	US-10-953-349-14068	Sequence 14068, A
58	34	41.0	302	6	US-10-505-928-847	Sequence 847, App
59	34	41.0	325	6	US-10-953-349-4075	Sequence 4075, Ap

# SCORE Search Results Details for Application 10001938 and Search Result us-10-001-938-21.

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This page gives you Search Results detail for the Application 10001938 and Search Result us-10-001-938-21.rai.

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GenCore version 5.1.9  
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OM protein - protein search, using sw model

Run on: June 2, 2006, 19:08:52 ; Search time 11.4238 Seconds  
(without alignments)  
114.932 Million cell updates/sec

Title: US-10-001-938-21  
Perfect score: 78  
Sequence: 1 DGQLKSVTINGVPDD 15

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 650591 seqs, 87530628 residues

Total number of hits satisfying chosen parameters: 650591

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 1000 summaries

Database : Issued\_Patents\_AA:\*  
1: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/5\_COMB.pep:\*  
2: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/6\_COMB.pep:\*  
3: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/7\_COMB.pep:\*  
4: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/H\_COMB.pep:\*  
5: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/PCTUS\_COMB.pep:\*  
6: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/RE\_COMB.pep:\*  
7: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/backfiles1.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	% Match	Query Length	DB ID	Description
1	78	100.0	277	1	US-08-868-288A-7
2	78	100.0	277	2	US-09-235-373-7

3	78	100.0	277	2	US-09-388-993-7	Sequence 7, Appli
4	78	100.0	277	2	US-09-501-714-7	Sequence 7, Appli
5	78	100.0	327	2	US-09-949-016-11262	Sequence 11262, A
6	78	100.0	351	1	US-08-868-288A-6	Sequence 6, Appli
7	78	100.0	351	2	US-09-235-373-6	Sequence 6, Appli
8	78	100.0	351	2	US-09-388-993-6	Sequence 6, Appli
9	78	100.0	351	2	US-09-501-714-6	Sequence 6, Appli
10	67	85.9	330	1	US-08-868-288A-3	Sequence 3, Appli
11	67	85.9	330	2	US-09-235-373-3	Sequence 3, Appli
12	67	85.9	330	2	US-09-388-993-3	Sequence 3, Appli
13	67	85.9	330	2	US-09-501-714-3	Sequence 3, Appli
14	44	56.4	1233	2	US-09-134-000C-4971	Sequence 4971, Ap
15	44	56.4	1416	2	US-09-071-035-404	Sequence 404, App
16	44	56.4	1416	2	US-10-206-576-404	Sequence 404, App
17	44	56.4	1448	2	US-09-071-035-402	Sequence 402, App
18	44	56.4	1448	2	US-10-206-576-402	Sequence 402, App
19	42.5	54.5	287	2	US-09-489-039A-10311	Sequence 10311, A
20	40	51.3	333	2	US-09-270-767-46345	Sequence 46345, A
21	40	51.3	497	1	US-09-047-125-3	Sequence 3, Appli
22	40	51.3	497	2	US-07-736-335E-3	Sequence 3, Appli
23	40	51.3	497	2	US-08-709-731A-29	Sequence 29, Appl
24	40	51.3	544	2	US-09-902-540-15796	Sequence 15796, A
25	40	51.3	873	2	US-09-248-796A-20365	Sequence 20365, A
26	39	50.0	418	2	US-09-843-905A-2	Sequence 2, Appli
27	39	50.0	418	2	US-09-843-905A-4	Sequence 4, Appli
28	39	50.0	446	2	US-09-252-991A-21834	Sequence 21834, A
29	39	50.0	546	2	US-09-252-991A-22048	Sequence 22048, A
30	39	50.0	636	2	US-09-328-352-5495	Sequence 5495, Ap
31	38	48.7	242	2	US-09-286-690-8	Sequence 8, Appli
32	38	48.7	306	2	US-09-270-767-59593	Sequence 59593, A
33	38	48.7	390	1	US-08-335-583C-2	Sequence 2, Appli
34	38	48.7	503	2	US-09-252-991A-18345	Sequence 18345, A
35	38	48.7	568	2	US-09-248-796A-22993	Sequence 22993, A
36	38	48.7	752	2	US-09-248-796A-15445	Sequence 15445, A
37	38	48.7	768	2	US-09-540-236-3811	Sequence 3811, Ap
38	38	48.7	794	2	US-09-248-796A-18919	Sequence 18919, A
39	38	48.7	887	2	US-10-132-350-18	Sequence 18, Appl
40	38	48.7	887	2	US-10-132-350-20	Sequence 20, Appl
41	38	48.7	991	2	US-09-902-540-11984	Sequence 11984, A
42	38	48.7	1105	2	US-09-270-767-44167	Sequence 44167, A
43	38	48.7	2749	2	US-10-360-101-265	Sequence 265, App
44	37	47.4	221	2	US-09-710-279-2216	Sequence 2216, Ap
45	37	47.4	248	2	US-10-147-874-3	Sequence 3, Appli
46	37	47.4	352	2	US-09-328-352-6547	Sequence 6547, Ap
47	37	47.4	364	2	US-09-489-039A-12541	Sequence 12541, A
48	37	47.4	366	2	US-09-040-681A-6	Sequence 6, Appli
49	37	47.4	366	2	US-09-497-897-6	Sequence 6, Appli
50	37	47.4	392	2	US-09-013-881-2	Sequence 2, Appli
51	37	47.4	392	2	US-09-612-473-2	Sequence 2, Appli
52	37	47.4	392	2	US-09-724-730-2	Sequence 2, Appli
53	37	47.4	396	2	US-09-252-991A-19425	Sequence 19425, A
54	37	47.4	397	2	US-09-134-001C-5504	Sequence 5504, Ap
55	37	47.4	548	2	US-09-543-681A-6631	Sequence 6631, Ap
56	37	47.4	724	2	US-09-543-681A-4745	Sequence 4745, Ap
57	37	47.4	739	2	US-09-248-796A-19328	Sequence 19328, A
58	37	47.4	754	2	US-09-543-681A-5416	Sequence 5416, Ap
59	37	47.4	975	2	US-09-540-236-2304	Sequence 2304, Ap
60	36	46.2	67	2	US-09-540-236-2115	Sequence 2115, Ap
61	36	46.2	119	2	US-09-902-540-10138	Sequence 10138, A
62	36	46.2	158	2	US-09-270-767-31806	Sequence 31806, A
63	36	46.2	197	2	US-09-248-796A-15490	Sequence 15490, A



# SCORE Search Results Details for Application 10001938 and Search Result us-10-001-938 21.rapbm.

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This page gives you Search Results detail for the Application 10001938 and Search Result us-10-001-938 21.rapbm.

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GenCore version 5.1.9  
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OM protein - protein search, using sw model

Run on: June 2, 2006, 19:29:53 ; Search time 75.9934 Seconds  
(without alignments)  
91.432 Million cell updates/sec

Title: US-10-001-938-21  
Perfect score: 78  
Sequence: 1 DGQLKSVTINGVPDD 15

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 2097797 seqs, 463214858 residues

Total number of hits satisfying chosen parameters: 2097797

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 1000 summaries

Database : Published\_Applications\_AA\_Main:\*  
1: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US07\_PUBCOMB.pep:\*  
2: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US08\_PUBCOMB.pep:\*  
3: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US09\_PUBCOMB.pep:\*  
4: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US10A\_PUBCOMB.pep:\*  
5: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US10B\_PUBCOMB.pep:\*  
6: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US11\_PUBCOMB.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	% Match	Query Length	DB	ID	Description
1	78	100.0	15	4	US-10-001-938-21	Sequence 21, Appl

2	54	69.2	232	5	US-10-480-988-22	Sequence 22, Appl
3	54	69.2	267	3	US-09-764-868-1164	Sequence 1164, Ap
4	54	69.2	267	3	US-09-764-891-4089	Sequence 4089, Ap
5	52	66.7	242	4	US-10-264-049-2674	Sequence 2674, Ap
6	50	64.1	343	4	US-10-032-201B-274	Sequence 274, App
7	45	57.7	589	4	US-10-260-937-36	Sequence 36, Appl
8	44.5	57.1	745	6	US-11-079-463-6408	Sequence 6408, Ap
9	44	56.4	509	5	US-10-732-923-23606	Sequence 23606, A
10	44	56.4	968	6	US-11-097-143-20043	Sequence 20043, A
11	44	56.4	1416	3	US-09-071-035-404	Sequence 404, App
12	44	56.4	1416	4	US-10-206-576-404	Sequence 404, App
13	44	56.4	1416	5	US-10-912-362-404	Sequence 404, App
14	44	56.4	1448	3	US-09-071-035-402	Sequence 402, App
15	44	56.4	1448	4	US-10-206-576-402	Sequence 402, App
16	44	56.4	1448	5	US-10-912-362-402	Sequence 402, App
17	43	55.1	251	6	US-11-098-686-11007	Sequence 11007, A
18	42	53.8	94	4	US-10-425-115-321280	Sequence 321280,
19	42	53.8	115	4	US-10-425-115-311609	Sequence 311609,
20	42	53.8	525	4	US-10-425-114-44083	Sequence 44083, A
21	42	53.8	620	4	US-10-408-765A-1812	Sequence 1812, Ap
22	42	53.8	692	4	US-10-424-599-150564	Sequence 150564,
23	42	53.8	730	4	US-10-042-865-51	Sequence 51, Appl
24	42	53.8	730	4	US-10-029-020-50	Sequence 50, Appl
25	42	53.8	730	4	US-10-408-765A-2505	Sequence 2505, Ap
26	42	53.8	730	6	US-11-113-424-50	Sequence 50, Appl
27	42	53.8	847	5	US-10-778-804-8	Sequence 8, Appli
28	42	53.8	847	5	US-10-778-804-9	Sequence 9, Appli
29	42	53.8	1086	5	US-10-723-860-3170	Sequence 3170, Ap
30	42	53.8	1086	5	US-10-756-149-5574	Sequence 5574, Ap
31	42	53.8	1688	4	US-10-144-194A-113	Sequence 113, App
32	42	53.8	1688	5	US-10-491-566-113	Sequence 113, App
33	42	53.8	1688	5	US-10-494-940-52	Sequence 52, Appl
34	42	53.8	1737	3	US-09-808-602-83	Sequence 83, Appl
35	42	53.8	1737	3	US-09-800-198-71	Sequence 71, Appl
36	42	53.8	2144	5	US-10-723-860-2303	Sequence 2303, Ap
37	42	53.8	2333	5	US-10-453-372-170	Sequence 170, App
38	42	53.8	2551	4	US-10-144-194A-80	Sequence 80, Appl
39	42	53.8	2551	5	US-10-491-566-80	Sequence 80, Appl
40	42	53.8	2633	4	US-10-144-194A-82	Sequence 82, Appl
41	42	53.8	2633	5	US-10-491-566-82	Sequence 82, Appl
42	42	53.8	2662	5	US-10-453-372-114	Sequence 114, App
43	42	53.8	2724	3	US-09-808-602-13	Sequence 13, Appl
44	42	53.8	2724	3	US-09-800-198-13	Sequence 13, Appl
45	42	53.8	2724	5	US-10-453-372-148	Sequence 148, App
46	42	53.8	2733	3	US-09-808-602-8	Sequence 8, Appli
47	42	53.8	2733	3	US-09-800-198-8	Sequence 8, Appli
48	42	53.8	2733	5	US-10-453-372-136	Sequence 136, App
49	42	53.8	2733	5	US-10-453-372-142	Sequence 142, App
50	42	53.8	2733	5	US-10-453-372-146	Sequence 146, App
51	42	53.8	2733	5	US-10-453-372-150	Sequence 150, App
52	42	53.8	2733	5	US-10-453-372-154	Sequence 154, App
53	42	53.8	2758	4	US-10-467-535-10	Sequence 10, Appl
54	42	53.8	2764	3	US-09-808-602-80	Sequence 80, Appl
55	42	53.8	2764	3	US-09-800-198-68	Sequence 68, Appl
56	42	53.8	2764	4	US-10-072-012-487	Sequence 487, App
57	42	53.8	2764	5	US-10-631-467-1514	Sequence 1514, Ap
58	42	53.8	2765	3	US-09-808-602-84	Sequence 84, Appl
59	42	53.8	2765	3	US-09-800-198-72	Sequence 72, Appl
60	42	53.8	2765	4	US-10-072-012-488	Sequence 488, App
61	42	53.8	2765	5	US-10-453-372-116	Sequence 116, App
62	42	53.8	2769	4	US-10-383-201-44	Sequence 44, Appl

# SCORE Search Results Details for Application 10001938 and Search Result us-10-001-938-21.rapbn.

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This page gives you Search Results detail for the Application 10001938 and Search Result us-10-001-938-21.rapbn.

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GenCore version 5.1.9  
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OM protein - protein search, using sw model

Run on: June 2, 2006, 19:30:30 ; Search time 3.57616 Seconds  
(without alignments)  
48.509 Million cell updates/sec

Title: US-10-001-938-21  
Perfect score: 78  
Sequence: 1 DGQLKSVTINGVPDD 15

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 58871 seqs, 11565156 residues

Total number of hits satisfying chosen parameters: 58871

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 1000 summaries

Database : Published\_Applications\_AA\_New:\*  
1: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US09\_NEW\_PUB.pep:\*  
2: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US06\_NEW\_PUB.pep:\*  
3: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US07\_NEW\_PUB.pep:\*  
4: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US08\_NEW\_PUB.pep:\*  
5: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/PCT\_NEW\_PUB.pep:\*  
6: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US10\_NEW\_PUB.pep:\*  
7: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US11\_NEW\_PUB.pep:\*  
8: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US60\_NEW\_PUB.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result %  
Query

No.	Score	Match	Length	DB	ID	Description
1	78	100.0	15	6	US-10-490-949-30	Sequence 30, Appl
2	38	48.7	230	6	US-10-953-349-6513	Sequence 6513, Ap
3	38	48.7	394	6	US-10-953-349-6512	Sequence 6512, Ap
4	37	47.4	216	6	US-10-953-349-5948	Sequence 5948, Ap
5	37	47.4	237	7	US-11-293-697-4647	Sequence 4647, Ap
6	37	47.4	239	6	US-10-953-349-5947	Sequence 5947, Ap
7	36	46.2	301	6	US-10-953-349-18989	Sequence 18989, A
8	36	46.2	351	7	US-11-293-697-2554	Sequence 2554, Ap
9	36	46.2	507	6	US-10-953-349-19123	Sequence 19123, A
10	36	46.2	593	6	US-10-953-349-19122	Sequence 19122, A
11	35.5	45.5	1270	6	US-10-532-050-1	Sequence 1, Appli
12	35	44.9	176	6	US-10-953-349-33303	Sequence 33303, A
13	35	44.9	262	6	US-10-953-349-11266	Sequence 11266, A
14	35	44.9	347	6	US-10-953-349-19220	Sequence 19220, A
15	35	44.9	356	6	US-10-953-349-11265	Sequence 11265, A
16	35	44.9	387	6	US-10-953-349-11264	Sequence 11264, A
17	35	44.9	465	6	US-10-953-349-19219	Sequence 19219, A
18	35	44.9	483	6	US-10-953-349-11378	Sequence 11378, A
19	35	44.9	543	7	US-11-293-697-2444	Sequence 2444, Ap
20	34.5	44.2	630	7	US-11-293-697-2818	Sequence 2818, Ap
21	34	43.6	80	7	US-11-219-563-124	Sequence 124, App
22	34	43.6	167	6	US-10-953-349-23114	Sequence 23114, A
23	34	43.6	168	6	US-10-953-349-23113	Sequence 23113, A
24	34	43.6	192	6	US-10-953-349-25874	Sequence 25874, A
25	34	43.6	215	6	US-10-953-349-23112	Sequence 23112, A
26	34	43.6	217	6	US-10-953-349-21574	Sequence 21574, A
27	34	43.6	230	6	US-10-953-349-28783	Sequence 28783, A
28	34	43.6	235	6	US-10-953-349-13359	Sequence 13359, A
29	34	43.6	241	6	US-10-953-349-25873	Sequence 25873, A
30	34	43.6	242	6	US-10-953-349-25872	Sequence 25872, A
31	34	43.6	249	6	US-10-953-349-1158	Sequence 1158, Ap
32	34	43.6	249	6	US-10-953-349-33772	Sequence 33772, A
33	34	43.6	250	6	US-10-953-349-1157	Sequence 1157, Ap
34	34	43.6	255	6	US-10-953-349-19535	Sequence 19535, A
35	34	43.6	279	6	US-10-953-349-13358	Sequence 13358, A
36	34	43.6	286	6	US-10-953-349-13357	Sequence 13357, A
37	34	43.6	299	6	US-10-953-349-19534	Sequence 19534, A
38	34	43.6	306	6	US-10-953-349-19533	Sequence 19533, A
39	34	43.6	316	6	US-10-953-349-21974	Sequence 21974, A
40	34	43.6	364	6	US-10-953-349-22074	Sequence 22074, A
41	34	43.6	370	6	US-10-953-349-21573	Sequence 21573, A
42	34	43.6	371	7	US-11-121-154-174	Sequence 174, App
43	34	43.6	378	6	US-10-953-349-21973	Sequence 21973, A
44	34	43.6	388	6	US-10-953-349-22073	Sequence 22073, A
45	34	43.6	389	6	US-10-953-349-21572	Sequence 21572, A
46	34	43.6	391	6	US-10-953-349-21972	Sequence 21972, A
47	34	43.6	392	6	US-10-953-349-22072	Sequence 22072, A
48	34	43.6	400	6	US-10-953-349-9203	Sequence 9203, Ap
49	34	43.6	401	6	US-10-953-349-9202	Sequence 9202, Ap
50	34	43.6	532	6	US-10-505-928-499	Sequence 499, App
51	33.5	42.9	604	7	US-11-313-356-3	Sequence 3, Appli
52	33	42.3	80	7	US-11-219-563-8	Sequence 8, Appli
53	33	42.3	80	7	US-11-219-121-16	Sequence 16, Appl
54	33	42.3	131	6	US-10-953-349-40090	Sequence 40090, A
55	33	42.3	150	6	US-10-953-349-34327	Sequence 34327, A
56	33	42.3	255	7	US-11-106-014-60	Sequence 60, Appl
57	33	42.3	261	6	US-10-511-937-2998	Sequence 2998, Ap
58	33	42.3	309	6	US-10-953-349-33145	Sequence 33145, A
59	33	42.3	335	6	US-10-953-349-4567	Sequence 4567, Ap

# SCORE Search Results Details for Application 10001938 and Search Result us-10-001-938-22.

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This page gives you Search Results detail for the Application 10001938 and Search Result us-10-001-938-22.rai.

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GenCore version 5.1.9  
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OM protein - protein search, using sw model

Run on: June 2, 2006, 19:37:25 ; Search time 14.6053 Seconds  
(without alignments)  
89.896 Million cell updates/sec

Title: US-10-001-938-22  
Perfect score: 70  
Sequence: 1 DLQLAMAYSLSEMEA 15

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 650591 seqs, 87530628 residues

Total number of hits satisfying chosen parameters: 650591

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 1000 summaries

Database : Issued\_Patents\_AA:\*  
1: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/5\_COMB.pep:\*  
2: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/6\_COMB.pep:\*  
3: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/7\_COMB.pep:\*  
4: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/H\_COMB.pep:\*  
5: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/PCTUS\_COMB.pep:\*  
6: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/RE\_COMB.pep:\*  
7: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/backfiles1.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	% Match	Query Length	DB ID	Description
1	70	100.0	277	1	US-08-868-288A-7
2	70	100.0	277	2	US-09-235-373-7



3	70	100.0	277	2	US-09-388-993-7	Sequence 7, Appli
4	70	100.0	277	2	US-09-501-714-7	Sequence 7, Appli
5	70	100.0	327	2	US-09-949-016-11262	Sequence 11262, A
6	70	100.0	351	1	US-08-868-288A-6	Sequence 6, Appli
7	70	100.0	351	2	US-09-235-373-6	Sequence 6, Appli
8	70	100.0	351	2	US-09-388-993-6	Sequence 6, Appli
9	70	100.0	351	2	US-09-501-714-6	Sequence 6, Appli
10	45	64.3	668	2	US-09-538-092-599	Sequence 599, App
11	40	57.1	698	2	US-09-710-279-2388	Sequence 2388, Ap
12	40	57.1	905	2	US-09-134-001C-3782	Sequence 3782, Ap
13	39	55.7	642	2	US-09-949-016-10283	Sequence 10283, A
14	39	55.7	690	2	US-08-971-089-6	Sequence 6, Appli
15	39	55.7	690	2	US-10-117-604A-6	Sequence 6, Appli
16	39	55.7	776	2	US-09-266-225D-10	Sequence 10, Appl
17	39	55.7	777	2	US-09-949-016-6540	Sequence 6540, Ap
18	38	54.3	472	2	US-08-976-255-17	Sequence 17, Appl
19	36	51.4	164	2	US-09-134-001C-5216	Sequence 5216, Ap
20	36	51.4	425	2	US-09-543-681A-7042	Sequence 7042, Ap
21	36	51.4	508	2	US-10-104-047-2186	Sequence 2186, Ap
22	36	51.4	813	2	US-09-964-899-25	Sequence 25, Appl
23	36	51.4	896	1	US-08-095-737-2	Sequence 2, Appli
24	36	51.4	896	1	US-08-480-145-2	Sequence 2, Appli
25	36	51.4	896	1	US-08-477-389-2	Sequence 2, Appli
26	36	51.4	896	2	US-09-538-092-1113	Sequence 1113, Ap
27	36	51.4	896	2	US-09-949-016-6155	Sequence 6155, Ap
28	36	51.4	897	1	US-08-095-737-4	Sequence 4, Appli
29	36	51.4	897	1	US-08-480-145-4	Sequence 4, Appli
30	36	51.4	897	1	US-08-477-389-4	Sequence 4, Appli
31	36	51.4	926	2	US-09-949-016-10683	Sequence 10683, A
32	35	50.0	119	2	US-09-513-999C-5848	Sequence 5848, Ap
33	35	50.0	155	2	US-09-710-279-344	Sequence 344, App
34	35	50.0	225	2	US-09-543-681A-4987	Sequence 4987, Ap
35	35	50.0	436	2	US-09-902-540-16648	Sequence 16648, A
36	35	50.0	541	2	US-09-252-991A-21132	Sequence 21132, A
37	35	50.0	632	2	US-09-859-961-2	Sequence 2, Appli
38	35	50.0	832	2	US-10-464-939-2	Sequence 2, Appli
39	35	50.0	1058	2	US-10-464-939-4	Sequence 4, Appli
40	35	50.0	1121	2	US-09-949-016-11048	Sequence 11048, A
41	34.5	49.3	486	2	US-09-489-039A-8181	Sequence 8181, Ap
42	34	48.6	98	2	US-09-270-767-57849	Sequence 57849, A
43	34	48.6	131	2	US-09-270-767-31762	Sequence 31762, A
44	34	48.6	131	2	US-09-270-767-46979	Sequence 46979, A
45	34	48.6	218	2	US-09-543-681A-7325	Sequence 7325, Ap
46	34	48.6	288	2	US-09-134-000C-5520	Sequence 5520, Ap
47	34	48.6	303	2	US-09-252-991A-27331	Sequence 27331, A
48	34	48.6	312	2	US-09-248-796A-16066	Sequence 16066, A
49	34	48.6	334	1	US-08-646-981-16	Sequence 16, Appl
50	34	48.6	351	2	US-09-949-016-8016	Sequence 8016, Ap
51	34	48.6	476	2	US-09-270-767-42546	Sequence 42546, A
52	34	48.6	478	2	US-09-716-964B-142	Sequence 142, App
53	34	48.6	557	2	US-09-248-796A-15455	Sequence 15455, A
54	34	48.6	571	2	US-09-489-039A-14334	Sequence 14334, A
55	34	48.6	601	2	US-09-902-540-11118	Sequence 11118, A
56	34	48.6	601	2	US-09-902-540-15407	Sequence 15407, A
57	34	48.6	716	1	US-08-372-652-4	Sequence 4, Appli
58	34	48.6	716	5	PCT-US95-16311-4	Sequence 4, Appli
59	34	48.6	774	2	US-09-252-991A-29487	Sequence 29487, A
60	34	48.6	923	2	US-09-252-991A-27148	Sequence 27148, A
61	34	48.6	2172	1	US-08-611-107-31	Sequence 31, Appl
62	34	48.6	2257	1	US-08-611-107-10	Sequence 10, Appl
63	34	48.6	2257	1	US-08-422-560A-10	Sequence 10, Appl

# SCORE Search Results Details for Application 10001938 and Search Result us-10-001-938-22.rapbm.

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OM protein - protein search, using sw model

Run on: June 2, 2006, 19:58:51 ; Search time 63.3553 Seconds  
(without alignments)  
109.671 Million cell updates/sec

Title: US-10-001-938-22  
Perfect score: 70  
Sequence: 1 DLQLAMAYSLSEMEA 15

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 2097797 seqs, 463214858 residues

Total number of hits satisfying chosen parameters: 2097797

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 1000 summaries

Database : Published\_Applications\_AA\_Main:\*  
1: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US07\_PUBCOMB.pep:\*  
2: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US08\_PUBCOMB.pep:\*  
3: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US09\_PUBCOMB.pep:\*  
4: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US10A\_PUBCOMB.pep:\*  
5: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US10B\_PUBCOMB.pep:\*  
6: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US11\_PUBCOMB.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
-----					

1	70	100.0	15	4	US-10-001-938-22	Sequence 22, Appl
2	41	58.6	18	3	US-09-971-490-13	Sequence 13, Appl
3	41	58.6	18	4	US-10-193-452-86	Sequence 86, Appl
4	41	58.6	64	3	US-09-864-761-33889	Sequence 33889, A
5	41	58.6	71	4	US-10-424-599-277428	Sequence 277428,
6	41	58.6	117	4	US-10-108-260A-2985	Sequence 2985, Ap
7	41	58.6	590	4	US-10-275-595A-33	Sequence 33, Appl
8	40	57.1	232	4	US-10-311-035-1	Sequence 1, Appli
9	40	57.1	443	5	US-10-450-763-58647	Sequence 58647, A
10	40	57.1	698	5	US-10-793-626-2388	Sequence 2388, Ap
11	40	57.1	876	3	US-09-815-242-12623	Sequence 12623, A
12	40	57.1	876	4	US-10-282-122A-70369	Sequence 70369, A
13	40	57.1	876	4	US-10-282-122A-70998	Sequence 70998, A
14	40	57.1	876	5	US-10-857-625-697	Sequence 697, App
15	40	57.1	905	4	US-10-724-972A-6007	Sequence 6007, Ap
16	40	57.1	980	3	US-09-888-615-65	Sequence 65, Appl
17	40	57.1	980	4	US-10-399-645-6	Sequence 6, Appli
18	40	57.1	980	6	US-11-037-243-65	Sequence 65, Appl
19	39	55.7	44	4	US-10-767-701-50107	Sequence 50107, A
20	39	55.7	325	4	US-10-425-115-264787	Sequence 264787,
21	39	55.7	461	4	US-10-425-115-264789	Sequence 264789,
22	39	55.7	578	4	US-10-425-114-55229	Sequence 55229, A
23	39	55.7	647	6	US-11-097-143-28071	Sequence 28071, A
24	39	55.7	672	6	US-11-097-143-5211	Sequence 5211, Ap
25	39	55.7	690	4	US-10-117-604-6	Sequence 6, Appli
26	39	55.7	777	4	US-10-257-021-37	Sequence 37, Appl
27	38	54.3	875	4	US-10-282-122A-60678	Sequence 60678, A
28	38	54.3	875	6	US-11-045-004-1591	Sequence 1591, Ap
29	38	54.3	1413	4	US-10-288-798-24	Sequence 24, Appl
30	38	54.3	1413	4	US-10-362-892-24	Sequence 24, Appl
31	38	54.3	1431	5	US-10-840-512-218	Sequence 218, App
32	38	54.3	1615	4	US-10-343-710-108	Sequence 108, App
33	37	52.9	220	4	US-10-369-493-23007	Sequence 23007, A
34	37	52.9	295	4	US-10-437-963-177575	Sequence 177575,
35	37	52.9	704	4	US-10-282-122A-77695	Sequence 77695, A
36	37	52.9	760	4	US-10-437-963-198047	Sequence 198047,
37	37	52.9	813	6	US-11-097-143-40635	Sequence 40635, A
38	36	51.4	164	4	US-10-724-972A-4287	Sequence 4287, Ap
39	36	51.4	170	3	US-09-925-297-575	Sequence 575, App
40	36	51.4	258	5	US-10-739-930-7937	Sequence 7937, Ap
41	36	51.4	308	6	US-11-098-686-11286	Sequence 11286, A
42	36	51.4	321	6	US-11-156-084-168	Sequence 168, App
43	36	51.4	370	4	US-10-425-115-363269	Sequence 363269,
44	36	51.4	380	4	US-10-425-114-67595	Sequence 67595, A
45	36	51.4	448	4	US-10-282-122A-76817	Sequence 76817, A
46	36	51.4	508	4	US-10-104-047-2186	Sequence 2186, Ap
47	36	51.4	508	6	US-11-072-512-2186	Sequence 2186, Ap
48	36	51.4	557	4	US-10-195-962-10	Sequence 10, Appl
49	36	51.4	695	3	US-09-890-688-130	Sequence 130, App
50	36	51.4	813	3	US-09-964-899-25	Sequence 25, Appl
51	36	51.4	813	5	US-10-975-523-25	Sequence 25, Appl
52	36	51.4	824	6	US-11-097-143-10065	Sequence 10065, A
53	36	51.4	824	6	US-11-097-143-10092	Sequence 10092, A
54	36	51.4	952	4	US-10-369-493-5327	Sequence 5327, Ap
55	36	51.4	1101	6	US-11-097-143-9564	Sequence 9564, Ap
56	36	51.4	1369	4	US-10-437-963-184093	Sequence 184093,
57	36	51.4	1676	4	US-10-128-714-8246	Sequence 8246, Ap
58	36	51.4	1809	5	US-10-745-237-54	Sequence 54, Appl
59	36	51.4	1809	6	US-11-097-143-13683	Sequence 13683, A
60	35	50.0	55	4	US-10-424-599-195544	Sequence 195544,
61	35	50.0	57	4	US-10-425-115-308575	Sequence 308575,

# SCORE Search Results Details for Application 10001938 and Search Result us-10-001-938-22.rap1

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GenCore version 5.1.9  
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OM protein - protein search, using sw model

Run on: June 2, 2006, 19:45:07 ; Search time 3.55263 Seconds  
(without alignments)  
48.831 Million cell updates/sec

Title: US-10-001-938-22  
Perfect score: 70  
Sequence: 1 DLQLAMAYSLSEMEA 15

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 58871 seqs, 11565156 residues

Total number of hits satisfying chosen parameters: 58871

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 1000 summaries

Database : Published\_Applications\_AA\_New:\*  
1: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US09\_NEW\_PUB.pep:\*  
2: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US06\_NEW\_PUB.pep:\*  
3: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US07\_NEW\_PUB.pep:\*  
4: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US08\_NEW\_PUB.pep:\*  
5: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/PCT\_NEW\_PUB.pep:\*  
6: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US10\_NEW\_PUB.pep:\*  
7: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US11\_NEW\_PUB.pep:\*  
8: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US60\_NEW\_PUB.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	% Match	Query Length	DB ID	Description
1	70	100.0	15	6	US-10-490-949-31
2	41	58.6	117	7	US-11-293-697-2985

3	38	54.3	1460	7	US-11-247-437-14	Sequence 14, Appl
4	35	50.0	284	6	US-10-953-349-24383	Sequence 24383, A
5	35	50.0	296	6	US-10-953-349-24382	Sequence 24382, A
6	35	50.0	318	6	US-10-953-349-24381	Sequence 24381, A
7	34	48.6	352	7	US-11-293-697-4023	Sequence 4023, Ap
8	34	48.6	468	6	US-10-953-349-3782	Sequence 3782, Ap
9	34	48.6	499	6	US-10-953-349-3781	Sequence 3781, Ap
10	34	48.6	552	6	US-10-953-349-3780	Sequence 3780, Ap
11	32	45.7	114	6	US-10-953-349-9965	Sequence 9965, Ap
12	32	45.7	142	6	US-10-953-349-9964	Sequence 9964, Ap
13	32	45.7	173	7	US-11-297-134-43	Sequence 43, Appl
14	32	45.7	229	1	US-09-725-906B-3	Sequence 3, Appli
15	32	45.7	230	6	US-10-953-349-999	Sequence 999, App
16	32	45.7	338	6	US-10-953-349-2039	Sequence 2039, Ap
17	32	45.7	340	6	US-10-953-349-2038	Sequence 2038, Ap
18	32	45.7	365	6	US-10-953-349-998	Sequence 998, App
19	32	45.7	369	6	US-10-953-349-997	Sequence 997, App
20	32	45.7	414	6	US-10-953-349-4342	Sequence 4342, Ap
21	32	45.7	465	6	US-10-953-349-4341	Sequence 4341, Ap
22	32	45.7	466	6	US-10-953-349-4340	Sequence 4340, Ap
23	32	45.7	468	6	US-10-953-349-23758	Sequence 23758, A
24	32	45.7	2177	6	US-10-713-648A-64	Sequence 64, Appl
25	31	44.3	213	6	US-10-953-349-8603	Sequence 8603, Ap
26	31	44.3	232	6	US-10-953-349-20350	Sequence 20350, A
27	31	44.3	260	6	US-10-953-349-20349	Sequence 20349, A
28	31	44.3	317	6	US-10-953-349-21703	Sequence 21703, A
29	31	44.3	328	6	US-10-953-349-21702	Sequence 21702, A
30	31	44.3	345	6	US-10-953-349-21701	Sequence 21701, A
31	31	44.3	348	6	US-10-953-349-34772	Sequence 34772, A
32	31	44.3	350	6	US-10-953-349-34771	Sequence 34771, A
33	31	44.3	352	6	US-10-953-349-34770	Sequence 34770, A
34	31	44.3	779	6	US-10-531-965-2	Sequence 2, Appli
35	30.5	43.6	1073	6	US-10-713-648A-54	Sequence 54, Appl
36	30	42.9	241	6	US-10-953-349-1750	Sequence 1750, Ap
37	30	42.9	253	6	US-10-953-349-39827	Sequence 39827, A
38	30	42.9	258	6	US-10-953-349-18067	Sequence 18067, A
39	30	42.9	262	6	US-10-953-349-26345	Sequence 26345, A
40	30	42.9	316	6	US-10-953-349-26344	Sequence 26344, A
41	30	42.9	316	6	US-10-953-349-39826	Sequence 39826, A
42	30	42.9	323	6	US-10-953-349-39825	Sequence 39825, A
43	30	42.9	333	6	US-10-953-349-23660	Sequence 23660, A
44	30	42.9	356	6	US-10-953-349-23659	Sequence 23659, A
45	30	42.9	444	6	US-10-953-349-21229	Sequence 21229, A
46	30	42.9	475	6	US-10-953-349-21228	Sequence 21228, A
47	30	42.9	487	6	US-10-953-349-21227	Sequence 21227, A
48	30	42.9	620	7	US-11-293-697-3458	Sequence 3458, Ap
49	30	42.9	961	6	US-10-548-484-76	Sequence 76, Appl
50	30	42.9	1645	6	US-10-505-928-582	Sequence 582, App
51	29.5	42.1	100	6	US-10-953-349-16837	Sequence 16837, A
52	29.5	42.1	142	6	US-10-953-349-16836	Sequence 16836, A
53	29	41.4	94	6	US-10-953-349-667	Sequence 667, App
54	29	41.4	110	6	US-10-953-349-666	Sequence 666, App
55	29	41.4	132	6	US-10-953-349-113	Sequence 113, App
56	29	41.4	135	6	US-10-953-349-27142	Sequence 27142, A
57	29	41.4	139	6	US-10-953-349-38612	Sequence 38612, A
58	29	41.4	154	6	US-10-953-349-20540	Sequence 20540, A
59	29	41.4	181	6	US-10-953-349-8622	Sequence 8622, Ap
60	29	41.4	182	6	US-10-953-349-665	Sequence 665, App
61	29	41.4	183	6	US-10-953-349-27141	Sequence 27141, A
62	29	41.4	186	6	US-10-953-349-8621	Sequence 8621, Ap
63	29	41.4	193	6	US-10-953-349-1101	Sequence 1101, Ap



# SCORE Search Results Details for Application 10 and Search Result us-10-001-938-23.rai.

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This page gives you Search Results detail for the Application 10001938 and Search Result us-10-001-938-23.rai.  
[start](#)

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GenCore version 5.1.9  
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OM protein - protein search, using sw model

Run on: June 2, 2006, 19:12:07 ; Search time 12.7 Seconds  
(without alignments)  
103.383 Million cell updates/sec

Title: US-10-001-938-23  
Perfect score: 76  
Sequence: 1 EDLFMCMDIQLVEAL 15

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 650591 seqs, 87530628 residues

Total number of hits satisfying chosen parameters: 650591

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 1000 summaries

Database : Issued\_Patents\_AA:\*  
1: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/5\_COMB.pep:\*  
2: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/6\_COMB.pep:\*  
3: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/7\_COMB.pep:\*  
4: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/H\_COMB.pep:\*  
5: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/PCTUS\_COMB.pep:\*  
6: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/RE\_COMB.pep:\*  
7: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/backfiles1.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	% Match	Query Length	DB ID	Description
1	76	100.0	397	1	US-08-868-288A-5
2	76	100.0	397	2	US-09-235-373-5
3	76	100.0	397	2	US-09-388-993-5

4	76	100.0	397	2	US-09-919-039-178	Sequence 178, App
5	76	100.0	397	2	US-09-538-092-1052	Sequence 1052, Ap
6	76	100.0	397	2	US-09-501-714-5	Sequence 5, Appli
7	41	53.9	397	3	US-10-429-223-2	Sequence 2, Appli
8	41	53.9	397	3	US-10-429-223-4	Sequence 4, Appli
9	40	52.6	239	2	US-10-104-047-2162	Sequence 2162, Ap
10	40	52.6	963	1	US-08-537-002A-3	Sequence 3, Appli
11	40	52.6	963	2	US-08-863-010-3	Sequence 3, Appli
12	40	52.6	963	2	US-09-024-429-3	Sequence 3, Appli
13	39	51.3	405	2	US-09-608-285A-25	Sequence 25, Appl
14	39	51.3	405	2	US-09-370-265-25	Sequence 25, Appl
15	39	51.3	405	2	US-09-557-800C-25	Sequence 25, Appl
16	39	51.3	405	2	US-09-370-625A-25	Sequence 25, Appl
17	39	51.3	428	2	US-09-608-285A-3	Sequence 3, Appli
18	39	51.3	428	2	US-09-608-285A-5	Sequence 5, Appli
19	39	51.3	428	2	US-09-608-285A-7	Sequence 7, Appli
20	39	51.3	428	2	US-09-240-639-6	Sequence 6, Appli
21	39	51.3	428	2	US-09-240-639-9	Sequence 9, Appli
22	39	51.3	428	2	US-09-350-836B-3	Sequence 3, Appli
23	39	51.3	428	2	US-09-350-836B-5	Sequence 5, Appli
24	39	51.3	428	2	US-09-350-836B-7	Sequence 7, Appli
25	39	51.3	428	2	US-09-370-265-3	Sequence 3, Appli
26	39	51.3	428	2	US-09-370-265-5	Sequence 5, Appli
27	39	51.3	428	2	US-09-370-265-7	Sequence 7, Appli
28	39	51.3	428	2	US-09-557-800C-3	Sequence 3, Appli
29	39	51.3	428	2	US-09-557-800C-5	Sequence 5, Appli
30	39	51.3	428	2	US-09-557-800C-7	Sequence 7, Appli
31	39	51.3	428	2	US-09-370-625A-3	Sequence 3, Appli
32	39	51.3	428	2	US-09-370-625A-5	Sequence 5, Appli
33	39	51.3	428	2	US-09-370-625A-7	Sequence 7, Appli
34	39	51.3	428	2	US-09-908-510A-6	Sequence 6, Appli
35	39	51.3	428	2	US-09-908-510A-9	Sequence 9, Appli
36	39	51.3	428	2	US-09-905-744B-6	Sequence 6, Appli
37	39	51.3	428	2	US-09-905-744B-9	Sequence 9, Appli
38	39	51.3	428	2	US-10-107-660-6	Sequence 6, Appli
39	39	51.3	428	2	US-10-107-660-9	Sequence 9, Appli
40	39	51.3	428	2	US-10-107-576-6	Sequence 6, Appli
41	39	51.3	428	2	US-10-107-576-9	Sequence 9, Appli
42	39	51.3	428	2	US-09-905-732B-6	Sequence 6, Appli
43	39	51.3	428	2	US-09-905-732B-9	Sequence 9, Appli
44	39	51.3	428	2	US-09-949-016-6050	Sequence 6050, Ap
45	39	51.3	428	2	US-09-905-743B-6	Sequence 6, Appli
46	39	51.3	428	2	US-09-905-743B-9	Sequence 9, Appli
47	39	51.3	428	2	US-10-091-085-3	Sequence 3, Appli
48	39	51.3	428	2	US-10-091-085-5	Sequence 5, Appli
49	39	51.3	428	2	US-10-091-085-7	Sequence 7, Appli
50	39	51.3	428	2	US-09-905-589-6	Sequence 6, Appli
51	39	51.3	428	2	US-09-905-589-9	Sequence 9, Appli
52	39	51.3	428	2	US-10-108-171A-6	Sequence 6, Appli
53	39	51.3	428	2	US-10-108-171A-9	Sequence 9, Appli
54	39	51.3	470	2	US-09-949-016-11197	Sequence 11197, A
55	38	50.0	148	3	US-09-699-136B-2	Sequence 2, Appli
56	38	50.0	173	2	US-09-270-767-34380	Sequence 34380, A
57	38	50.0	173	2	US-09-270-767-49597	Sequence 49597, A
58	38	50.0	465	2	US-09-240-639-8	Sequence 8, Appli
59	38	50.0	465	2	US-09-557-800C-56	Sequence 56, Appl
60	38	50.0	465	2	US-09-370-625A-39	Sequence 39, Appl
61	38	50.0	465	2	US-09-908-510A-8	Sequence 8, Appli
62	38	50.0	465	2	US-09-905-744B-8	Sequence 8, Appli
63	38	50.0	465	2	US-10-107-660-8	Sequence 8, Appli
64	38	50.0	465	2	US-10-107-576-8	Sequence 8, Appli

# SCORE Search Results Details for Application 10001938 and Search Result us-10-001-938 23.rapbm.

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This page gives you Search Results detail for the Application 10001938 and Search Result us-10-001-938 23.rapbm.

[start](#)

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GenCore version 5.1.9  
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OM protein - protein search, using sw model

Run on: June 2, 2006, 19:45:16 ; Search time 63.4 Seconds  
(without alignments)  
109.593 Million cell updates/sec

Title: US-10-001-938-23  
Perfect score: 76  
Sequence: 1 EDLFMCMDIQLVEAL 15

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 2097797 seqs, 463214858 residues

Total number of hits satisfying chosen parameters: 2097797

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 1000 summaries

Database : Published\_Applications\_AA\_Main:\*  
1: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US07\_PUBCOMB.pep:\*  
2: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US08\_PUBCOMB.pep:\*  
3: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US09\_PUBCOMB.pep:\*  
4: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US10A\_PUBCOMB.pep:\*  
5: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US10B\_PUBCOMB.pep:\*  
6: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US11\_PUBCOMB.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	% Match	Query Length	DB ID	Description
1	76	100.0	15	4 US-10-001-938-23	Sequence 23, Appl

2	76	100.0	258	5	US-10-473-127-1141	Sequence 1141, Ap
3	76	100.0	258	5	US-10-473-127-1146	Sequence 1146, Ap
4	76	100.0	397	3	US-09-919-039-178	Sequence 178, App
5	76	100.0	397	5	US-10-473-127-1138	Sequence 1138, Ap
6	76	100.0	397	5	US-10-473-127-1139	Sequence 1139, Ap
7	76	100.0	397	5	US-10-473-127-1140	Sequence 1140, Ap
8	76	100.0	397	5	US-10-473-127-1143	Sequence 1143, Ap
9	76	100.0	397	5	US-10-473-127-1144	Sequence 1144, Ap
10	76	100.0	397	5	US-10-473-127-1145	Sequence 1145, Ap
11	76	100.0	397	5	US-10-756-149-4727	Sequence 4727, Ap
12	76	100.0	397	5	US-10-631-467-559	Sequence 559, App
13	76	100.0	397	5	US-10-631-467-1386	Sequence 1386, Ap
14	76	100.0	397	5	US-10-878-556A-155	Sequence 155, App
15	76	100.0	408	5	US-10-450-763-40099	Sequence 40099, A
16	46	60.5	403	6	US-11-097-143-24405	Sequence 24405, A
17	46	60.5	403	6	US-11-097-143-41904	Sequence 41904, A
18	42	55.3	538	4	US-10-424-599-218710	Sequence 218710,
19	41	53.9	397	4	US-10-429-223-2	Sequence 2, Appli
20	41	53.9	397	4	US-10-429-223-4	Sequence 4, Appli
21	40	52.6	239	4	US-10-104-047-2162	Sequence 2162, Ap
22	40	52.6	239	6	US-11-072-512-2162	Sequence 2162, Ap
23	40	52.6	397	4	US-10-108-260A-3837	Sequence 3837, Ap
24	40	52.6	426	4	US-10-108-260A-4751	Sequence 4751, Ap
25	40	52.6	487	4	US-10-425-115-348539	Sequence 348539,
26	40	52.6	524	4	US-10-369-493-6490	Sequence 6490, Ap
27	40	52.6	542	4	US-10-437-963-123435	Sequence 123435,
28	39	51.3	194	4	US-10-369-493-17440	Sequence 17440, A
29	39	51.3	330	3	US-09-925-299-876	Sequence 876, App
30	39	51.3	330	3	US-09-925-299-876	Sequence 876, App
31	39	51.3	405	4	US-10-092-063-25	Sequence 25, Appl
32	39	51.3	405	4	US-10-286-926-25	Sequence 25, Appl
33	39	51.3	410	6	US-11-069-543-142	Sequence 142, App
34	39	51.3	428	4	US-10-091-085-3	Sequence 3, Appli
35	39	51.3	428	4	US-10-091-085-5	Sequence 5, Appli
36	39	51.3	428	4	US-10-091-085-7	Sequence 7, Appli
37	39	51.3	428	4	US-10-092-063-3	Sequence 3, Appli
38	39	51.3	428	4	US-10-092-063-5	Sequence 5, Appli
39	39	51.3	428	4	US-10-092-063-7	Sequence 7, Appli
40	39	51.3	428	4	US-10-286-926-3	Sequence 3, Appli
41	39	51.3	428	4	US-10-286-926-5	Sequence 5, Appli
42	39	51.3	428	4	US-10-286-926-7	Sequence 7, Appli
43	39	51.3	428	4	US-10-231-913-127	Sequence 127, App
44	39	51.3	428	4	US-10-408-765A-2296	Sequence 2296, Ap
45	39	51.3	428	6	US-11-069-543-175	Sequence 175, App
46	39	51.3	519	4	US-10-408-765A-410	Sequence 410, App
47	38	50.0	39	6	US-11-004-399-286	Sequence 286, App
48	38	50.0	39	6	US-11-004-399-617	Sequence 617, App
49	38	50.0	39	6	US-11-004-399-3928	Sequence 3928, Ap
50	38	50.0	76	4	US-10-425-115-213449	Sequence 213449,
51	38	50.0	119	4	US-10-437-963-163481	Sequence 163481,
52	38	50.0	148	3	US-09-942-407-2	Sequence 2, Appli
53	38	50.0	148	4	US-10-371-475-2	Sequence 2, Appli
54	38	50.0	148	4	US-10-829-897-2	Sequence 2, Appli
55	38	50.0	186	6	US-11-097-143-33963	Sequence 33963, A
56	38	50.0	233	4	US-10-437-963-150553	Sequence 150553,
57	38	50.0	407	4	US-10-437-963-150403	Sequence 150403,
58	38	50.0	427	4	US-10-231-913-126	Sequence 126, App
59	38	50.0	465	4	US-10-092-063-39	Sequence 39, Appl
60	38	50.0	537	4	US-10-369-493-8024	Sequence 8024, Ap
61	38	50.0	560	6	US-11-097-143-39837	Sequence 39837, A
62	38	50.0	1080	4	US-10-322-281-626	Sequence 626, App

# SCORE Search Results Details for Application 10001938 and Search Result us-10-001-938-23.rapbn.

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This page gives you Search Results detail for the Application 10001938 and Search Result us-10-001-938-23.rapbn.

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OM protein - protein search, using sw model

Run on: June 2, 2006, 19:44:08 ; Search time 3.1 Seconds  
(without alignments)  
55.960 Million cell updates/sec

Title: US-10-001-938-23  
Perfect score: 76  
Sequence: 1 EDLFMCMDIQLVEAL 15

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 58871 seqs, 11565156 residues

Total number of hits satisfying chosen parameters: 58871

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 1000 summaries

Database : Published\_Applications\_AA\_New:\*  
1: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US09\_NEW\_PUB.pep:\*  
2: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US06\_NEW\_PUB.pep:\*  
3: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US07\_NEW\_PUB.pep:\*  
4: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US08\_NEW\_PUB.pep:\*  
5: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/PCT\_NEW\_PUB.pep:\*  
6: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US10\_NEW\_PUB.pep:\*  
7: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US11\_NEW\_PUB.pep:\*  
8: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US60\_NEW\_PUB.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result %  
Query



No.	Score	Match	Length	DB	ID	Description
1	76	100.0	15	6	US-10-490-949-32	Sequence 32, Appl
2	40	52.6	397	7	US-11-293-697-3837	Sequence 3837, Ap
3	40	52.6	426	7	US-11-293-697-4751	Sequence 4751, Ap
4	36	47.4	257	6	US-10-953-349-1056	Sequence 1056, Ap
5	36	47.4	278	6	US-10-953-349-33998	Sequence 33998, A
6	36	47.4	288	6	US-10-953-349-33997	Sequence 33997, A
7	36	47.4	313	6	US-10-953-349-33996	Sequence 33996, A
8	36	47.4	337	6	US-10-953-349-1055	Sequence 1055, Ap
9	36	47.4	338	6	US-10-953-349-13711	Sequence 13711, A
10	36	47.4	375	6	US-10-953-349-6679	Sequence 6679, Ap
11	36	47.4	382	6	US-10-953-349-13710	Sequence 13710, A
12	36	47.4	419	6	US-10-953-349-1054	Sequence 1054, Ap
13	36	47.4	420	6	US-10-953-349-13709	Sequence 13709, A
14	36	47.4	431	6	US-10-953-349-6678	Sequence 6678, Ap
15	36	47.4	442	6	US-10-953-349-6677	Sequence 6677, Ap
16	35	46.1	842	7	US-11-266-446-68	Sequence 68, Appl
17	34	44.7	191	6	US-10-953-349-12085	Sequence 12085, A
18	34	44.7	358	7	US-11-293-697-2674	Sequence 2674, Ap
19	34	44.7	364	6	US-10-196-749-572	Sequence 572, App
20	34	44.7	621	7	US-11-293-697-4148	Sequence 4148, Ap
21	33.5	44.1	240	6	US-10-953-349-24825	Sequence 24825, A
22	33	43.4	117	6	US-10-953-349-29788	Sequence 29788, A
23	33	43.4	151	6	US-10-953-349-29786	Sequence 29786, A
24	33	43.4	326	7	US-11-140-450-44	Sequence 44, Appl
25	33	43.4	366	7	US-11-255-699-2	Sequence 2, Appli
26	33	43.4	2871	6	US-10-505-928-100	Sequence 100, App
27	32.5	42.8	175	6	US-10-953-349-14897	Sequence 14897, A
28	32.5	42.8	253	6	US-10-953-349-14896	Sequence 14896, A
29	32.5	42.8	296	6	US-10-953-349-14895	Sequence 14895, A
30	32	42.1	147	7	US-11-293-697-2658	Sequence 2658, Ap
31	32	42.1	156	7	US-11-293-697-3460	Sequence 3460, Ap
32	32	42.1	175	7	US-11-075-398-2	Sequence 2, Appli
33	32	42.1	188	6	US-10-953-349-16220	Sequence 16220, A
34	32	42.1	234	6	US-10-953-349-16219	Sequence 16219, A
35	32	42.1	240	6	US-10-953-349-16218	Sequence 16218, A
36	32	42.1	286	6	US-10-953-349-30735	Sequence 30735, A
37	32	42.1	304	6	US-10-953-349-30734	Sequence 30734, A
38	32	42.1	311	6	US-10-953-349-16431	Sequence 16431, A
39	32	42.1	326	6	US-10-953-349-9889	Sequence 9889, Ap
40	32	42.1	331	6	US-10-953-349-30733	Sequence 30733, A
41	32	42.1	370	6	US-10-953-349-9888	Sequence 9888, Ap
42	32	42.1	380	6	US-10-953-349-20050	Sequence 20050, A
43	32	42.1	391	6	US-10-953-349-20049	Sequence 20049, A
44	32	42.1	406	6	US-10-953-349-9887	Sequence 9887, Ap
45	32	42.1	434	6	US-10-953-349-19834	Sequence 19834, A
46	32	42.1	443	6	US-10-953-349-19833	Sequence 19833, A
47	32	42.1	475	6	US-10-953-349-19832	Sequence 19832, A
48	32	42.1	529	6	US-10-953-349-16430	Sequence 16430, A
49	32	42.1	536	6	US-10-953-349-16429	Sequence 16429, A
50	32	42.1	821	6	US-10-505-928-316	Sequence 316, App
51	32	42.1	847	6	US-10-505-928-495	Sequence 495, App
52	31	40.8	226	6	US-10-953-349-35189	Sequence 35189, A
53	31	40.8	244	6	US-10-953-349-26029	Sequence 26029, A
54	31	40.8	254	7	US-11-266-747-1284	Sequence 1284, Ap
55	31	40.8	254	7	US-11-266-747-1710	Sequence 1710, Ap
56	31	40.8	256	6	US-10-953-349-16379	Sequence 16379, A
57	31	40.8	259	6	US-10-953-349-35188	Sequence 35188, A
58	31	40.8	267	6	US-10-953-349-35187	Sequence 35187, A
59	31	40.8	291	6	US-10-953-349-3229	Sequence 3229, Ap

# SCORE Search Results Details for Application 10001938 and Search Result us-10-001-938-24.ra1.

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This page gives you Search Results detail for the Application 10001938 and Search Result us-10-001-938-24.ra1.

[start](#)

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GenCore version 5.1.9  
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OM protein - protein search, using sw model

Run on: June 2, 2006, 19:12:07 ; Search time 12.7 Seconds  
(without alignments)  
103.383 Million cell updates/sec

Title: US-10-001-938-24  
Perfect score: 81  
Sequence: 1 LCGFQKPISTLDNRT 15

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 650591 seqs, 87530628 residues

Total number of hits satisfying chosen parameters: 650591

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 1000 summaries

Database : Issued\_Patents\_AA:\*  
1: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/5\_COMB.pep:\*  
2: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/6\_COMB.pep:\*  
3: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/7\_COMB.pep:\*  
4: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/H\_COMB.pep:\*  
5: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/PCTUS\_COMB.pep:\*  
6: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/RE\_COMB.pep:\*  
7: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/backfiles1.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
------------	-------	-------------	--------	----	-------------

1	81	100.0	397	1	US-08-868-288A-5	Sequence 5, Appli
2	81	100.0	397	2	US-09-235-373-5	Sequence 5, Appli
3	81	100.0	397	2	US-09-388-993-5	Sequence 5, Appli
4	81	100.0	397	2	US-09-919-039-178	Sequence 178, App
5	81	100.0	397	2	US-09-538-092-1052	Sequence 1052, Ap
6	81	100.0	397	2	US-09-501-714-5	Sequence 5, Appli
7	60	74.1	239	2	US-10-104-047-2162	Sequence 2162, Ap
8	55	67.9	397	3	US-10-429-223-2	Sequence 2, Appli
9	55	67.9	397	3	US-10-429-223-4	Sequence 4, Appli
10	53	65.4	347	2	US-09-248-796A-19195	Sequence 19195, A
11	47	58.0	419	1	US-08-686-417-3	Sequence 3, Appli
12	43	53.1	76	2	US-09-252-991A-21761	Sequence 21761, A
13	42	51.9	186	2	US-09-780-016-14	Sequence 14, Appl
14	42	51.9	186	2	US-10-214-811-14	Sequence 14, Appl
15	42	51.9	186	2	US-10-766-074-14	Sequence 14, Appl
16	42	51.9	211	2	US-09-780-016-10	Sequence 10, Appl
17	42	51.9	211	2	US-10-214-811-10	Sequence 10, Appl
18	42	51.9	211	2	US-10-766-074-10	Sequence 10, Appl
19	42	51.9	242	2	US-09-780-016-16	Sequence 16, Appl
20	42	51.9	242	2	US-10-214-811-16	Sequence 16, Appl
21	42	51.9	242	2	US-10-766-074-16	Sequence 16, Appl
22	42	51.9	265	2	US-09-780-016-8	Sequence 8, Appli
23	42	51.9	265	2	US-10-214-811-8	Sequence 8, Appli
24	42	51.9	265	2	US-10-766-074-8	Sequence 8, Appli
25	42	51.9	267	2	US-09-780-016-12	Sequence 12, Appl
26	42	51.9	267	2	US-10-214-811-12	Sequence 12, Appl
27	42	51.9	267	2	US-10-766-074-12	Sequence 12, Appl
28	42	51.9	290	2	US-09-780-016-6	Sequence 6, Appli
29	42	51.9	290	2	US-10-214-811-6	Sequence 6, Appli
30	42	51.9	290	2	US-10-766-074-6	Sequence 6, Appli
31	42	51.9	428	2	US-09-780-016-22	Sequence 22, Appl
32	42	51.9	428	2	US-10-214-811-22	Sequence 22, Appl
33	42	51.9	428	2	US-10-766-074-22	Sequence 22, Appl
34	42	51.9	453	2	US-09-780-016-18	Sequence 18, Appl
35	42	51.9	453	2	US-10-214-811-18	Sequence 18, Appl
36	42	51.9	453	2	US-10-766-074-18	Sequence 18, Appl
37	42	51.9	484	2	US-09-780-016-26	Sequence 26, Appl
38	42	51.9	484	2	US-10-214-811-26	Sequence 26, Appl
39	42	51.9	484	2	US-10-766-074-26	Sequence 26, Appl
40	42	51.9	507	2	US-09-780-016-2	Sequence 2, Appli
41	42	51.9	507	2	US-10-214-811-2	Sequence 2, Appli
42	42	51.9	507	2	US-10-766-074-2	Sequence 2, Appli
43	42	51.9	509	2	US-09-780-016-24	Sequence 24, Appl
44	42	51.9	509	2	US-10-214-811-24	Sequence 24, Appl
45	42	51.9	509	2	US-10-766-074-24	Sequence 24, Appl
46	42	51.9	532	2	US-09-780-016-20	Sequence 20, Appl
47	42	51.9	532	2	US-10-214-811-20	Sequence 20, Appl
48	42	51.9	532	2	US-10-766-074-20	Sequence 20, Appl
49	41	50.6	150	2	US-09-270-767-44364	Sequence 44364, A
50	41	50.6	728	2	US-09-270-767-44662	Sequence 44662, A
51	40	49.4	96	2	US-09-513-999C-6655	Sequence 6655, Ap
52	39.5	48.8	1019	2	US-09-434-066-23	Sequence 23, Appl
53	39	48.1	320	2	US-09-489-039A-10349	Sequence 10349, A
54	39	48.1	340	1	US-08-974-546-5	Sequence 5, Appli
55	39	48.1	340	2	US-09-949-016-6691	Sequence 6691, Ap
56	39	48.1	343	2	US-09-328-352-6577	Sequence 6577, Ap
57	39	48.1	363	2	US-09-949-016-8899	Sequence 8899, Ap
58	38	46.9	100	2	US-08-311-731A-235	Sequence 235, App
59	38	46.9	328	2	US-09-328-352-4546	Sequence 4546, Ap
60	38	46.9	336	2	US-09-270-767-33924	Sequence 33924, A

# SCORE Search Results Details for Application 10001938 and Search Result us-10-001-938 24.rapbm.

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This page gives you Search Results detail for the Application 10001938 and Search Result us-10-001-938 24.rapbm.

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GenCore version 5.1.9  
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OM protein - protein search, using sw model

Run on: June 2, 2006, 19:45:16 ; Search time 63.4 Seconds  
(without alignments)  
109.593 Million cell updates/sec

Title: US-10-001-938-24  
Perfect score: 81  
Sequence: 1 LCGFQKPISTLDNRT 15

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 2097797 seqs, 463214858 residues

Total number of hits satisfying chosen parameters: 2097797

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 1000 summaries

Database : Published\_Applications\_AA\_Main:\*  
1: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US07\_PUBCOMB.pep:\*  
2: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US08\_PUBCOMB.pep:\*  
3: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US09\_PUBCOMB.pep:\*  
4: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US10A\_PUBCOMB.pep:\*  
5: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US10B\_PUBCOMB.pep:\*  
6: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US11\_PUBCOMB.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	% Match	Query Length	DB ID	Description
1	81	100.0	15	4 US-10-001-938-24	Sequence 24, Appl

2	81	100.0	258	5	US-10-473-127-1141	Sequence 1141, Ap
3	81	100.0	258	5	US-10-473-127-1146	Sequence 1146, Ap
4	81	100.0	397	3	US-09-919-039-178	Sequence 178, App
5	81	100.0	397	5	US-10-473-127-1138	Sequence 1138, Ap
6	81	100.0	397	5	US-10-473-127-1140	Sequence 1140, Ap
7	81	100.0	397	5	US-10-473-127-1144	Sequence 1144, Ap
8	81	100.0	397	5	US-10-473-127-1145	Sequence 1145, Ap
9	81	100.0	397	5	US-10-756-149-4727	Sequence 4727, Ap
10	81	100.0	397	5	US-10-631-467-559	Sequence 559, App
11	81	100.0	397	5	US-10-631-467-1386	Sequence 1386, Ap
12	81	100.0	397	5	US-10-878-556A-155	Sequence 155, App
13	81	100.0	408	5	US-10-450-763-40099	Sequence 40099, A
14	76	93.8	397	5	US-10-473-127-1139	Sequence 1139, Ap
15	76	93.8	397	5	US-10-473-127-1143	Sequence 1143, Ap
16	60	74.1	239	4	US-10-104-047-2162	Sequence 2162, Ap
17	60	74.1	239	6	US-11-072-512-2162	Sequence 2162, Ap
18	60	74.1	397	4	US-10-108-260A-3837	Sequence 3837, Ap
19	60	74.1	426	4	US-10-108-260A-4751	Sequence 4751, Ap
20	55	67.9	397	4	US-10-429-223-2	Sequence 2, Appli
21	55	67.9	397	4	US-10-429-223-4	Sequence 4, Appli
22	53	65.4	403	6	US-11-097-143-24405	Sequence 24405, A
23	53	65.4	403	6	US-11-097-143-41904	Sequence 41904, A
24	48	59.3	418	4	US-10-425-115-307678	Sequence 307678,
25	48	59.3	418	4	US-10-425-115-307679	Sequence 307679,
26	48	59.3	433	4	US-10-425-114-60908	Sequence 60908, A
27	47	58.0	193	4	US-10-425-115-303421	Sequence 303421,
28	47	58.0	235	6	US-11-096-568A-16063	Sequence 16063, A
29	47	58.0	266	4	US-10-425-115-307674	Sequence 307674,
30	47	58.0	330	6	US-11-096-568A-16062	Sequence 16062, A
31	47	58.0	336	6	US-11-096-568A-16061	Sequence 16061, A
32	47	58.0	338	6	US-11-096-568A-21865	Sequence 21865, A
33	47	58.0	342	4	US-10-425-114-68558	Sequence 68558, A
34	47	58.0	370	4	US-10-259-194A-44	Sequence 44, Appl
35	47	58.0	417	4	US-10-437-963-194306	Sequence 194306,
36	47	58.0	417	4	US-10-425-115-307680	Sequence 307680,
37	47	58.0	419	4	US-10-437-963-194308	Sequence 194308,
38	47	58.0	419	4	US-10-767-701-47403	Sequence 47403, A
39	47	58.0	419	4	US-10-425-115-266771	Sequence 266771,
40	47	58.0	419	4	US-10-425-115-266773	Sequence 266773,
41	47	58.0	419	4	US-10-425-115-266781	Sequence 266781,
42	47	58.0	419	4	US-10-425-115-305086	Sequence 305086,
43	47	58.0	419	6	US-11-096-568A-21864	Sequence 21864, A
44	47	58.0	420	4	US-10-425-115-266776	Sequence 266776,
45	47	58.0	421	4	US-10-425-114-63525	Sequence 63525, A
46	47	58.0	449	4	US-10-425-114-62758	Sequence 62758, A
47	47	58.0	449	4	US-10-425-114-63503	Sequence 63503, A
48	47	58.0	449	4	US-10-425-114-65975	Sequence 65975, A
49	47	58.0	449	4	US-10-425-114-73027	Sequence 73027, A
50	47	58.0	450	4	US-10-425-114-46482	Sequence 46482, A
51	47	58.0	450	4	US-10-425-114-51073	Sequence 51073, A
52	47	58.0	450	4	US-10-425-114-66222	Sequence 66222, A
53	47	58.0	450	4	US-10-425-114-67773	Sequence 67773, A
54	47	58.0	455	4	US-10-425-114-53631	Sequence 53631, A
55	47	58.0	463	4	US-10-425-114-46997	Sequence 46997, A
56	47	58.0	465	4	US-10-425-114-59416	Sequence 59416, A
57	47	58.0	465	4	US-10-425-114-60884	Sequence 60884, A
58	47	58.0	465	4	US-10-425-114-63473	Sequence 63473, A
59	47	58.0	468	4	US-10-425-114-66072	Sequence 66072, A
60	47	58.0	469	4	US-10-425-114-62592	Sequence 62592, A
61	47	58.0	469	4	US-10-425-114-65844	Sequence 65844, A
62	47	58.0	471	4	US-10-425-114-69286	Sequence 69286, A



# SCORE Search Results Details for Application 10001938 and Search Result us-10-001-938-24.rapbn.

<a href="#">Score Home</a>	<a href="#">Retrieve Application</a>	<a href="#">SCORE System</a>	<a href="#">SCORE</a>	<a href="#">Comments /</a>
<a href="#">Page</a>	<a href="#">List</a>	<a href="#">Overview</a>	<a href="#">FAQ</a>	<a href="#">Suggestions</a>

This page gives you Search Results detail for the Application 10001938 and Search Result us-10-001-938-24.rapbn.

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GenCore version 5.1.9  
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OM protein - protein search, using sw model

Run on: June 2, 2006, 19:44:08 ; Search time 3.1 Seconds  
(without alignments)  
55.960 Million cell updates/sec

Title: US-10-001-938-24  
Perfect score: 81  
Sequence: 1 LCGFQKPISTLDNRT 15

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 58871 seqs, 11565156 residues

Total number of hits satisfying chosen parameters: 58871

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 1000 summaries

Database : Published\_Applications\_AA\_New:\*  
1: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US09\_NEW\_PUB.pep:\*  
2: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US06\_NEW\_PUB.pep:\*  
3: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US07\_NEW\_PUB.pep:\*  
4: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US08\_NEW\_PUB.pep:\*  
5: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/PCT\_NEW\_PUB.pep:\*  
6: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US10\_NEW\_PUB.pep:\*  
7: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US11\_NEW\_PUB.pep:\*  
8: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US60\_NEW\_PUB.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result	% Query
--------	------------

No.	Score	Match	Length	DB	ID	Description
1	81	100.0	15	6	US-10-490-949-33	Sequence 33, Appl
2	60	74.1	397	7	US-11-293-697-3837	Sequence 3837, Ap
3	60	74.1	426	7	US-11-293-697-4751	Sequence 4751, Ap
4	43.5	53.7	792	6	US-10-953-349-38485	Sequence 38485, A
5	43.5	53.7	805	6	US-10-953-349-38484	Sequence 38484, A
6	43.5	53.7	857	6	US-10-953-349-38483	Sequence 38483, A
7	42	51.9	256	6	US-10-953-349-16379	Sequence 16379, A
8	42	51.9	336	6	US-10-953-349-16378	Sequence 16378, A
9	42	51.9	338	6	US-10-953-349-13711	Sequence 13711, A
10	42	51.9	382	6	US-10-953-349-13710	Sequence 13710, A
11	42	51.9	417	6	US-10-953-349-16377	Sequence 16377, A
12	42	51.9	420	6	US-10-953-349-13709	Sequence 13709, A
13	41	50.6	257	6	US-10-953-349-1056	Sequence 1056, Ap
14	41	50.6	337	6	US-10-953-349-1055	Sequence 1055, Ap
15	41	50.6	419	6	US-10-953-349-1054	Sequence 1054, Ap
16	41	50.6	487	6	US-10-953-349-953	Sequence 953, App
17	41	50.6	546	6	US-10-953-349-952	Sequence 952, App
18	39	48.1	189	6	US-10-953-349-29757	Sequence 29757, A
19	39	48.1	210	6	US-10-953-349-29756	Sequence 29756, A
20	39	48.1	241	6	US-10-953-349-29755	Sequence 29755, A
21	38	46.9	307	6	US-10-953-349-2183	Sequence 2183, Ap
22	38	46.9	335	6	US-10-953-349-2182	Sequence 2182, Ap
23	38	46.9	343	6	US-10-953-349-2181	Sequence 2181, Ap
24	35	43.2	109	6	US-10-953-349-13281	Sequence 13281, A
25	35	43.2	121	6	US-10-953-349-13280	Sequence 13280, A
26	35	43.2	131	6	US-10-953-349-13279	Sequence 13279, A
27	35	43.2	139	6	US-10-953-349-12099	Sequence 12099, A
28	35	43.2	153	7	US-11-293-697-3623	Sequence 3623, Ap
29	35	43.2	155	6	US-10-953-349-12098	Sequence 12098, A
30	35	43.2	256	6	US-10-953-349-12097	Sequence 12097, A
31	35	43.2	357	6	US-10-953-349-19869	Sequence 19869, A
32	35	43.2	380	6	US-10-953-349-19868	Sequence 19868, A
33	35	43.2	388	6	US-10-953-349-19867	Sequence 19867, A
34	35	43.2	786	7	US-11-177-635-8	Sequence 8, Appli
35	34	42.0	168	6	US-10-953-349-18747	Sequence 18747, A
36	34	42.0	171	6	US-10-953-349-18746	Sequence 18746, A
37	34	42.0	211	6	US-10-953-349-18745	Sequence 18745, A
38	34	42.0	336	6	US-10-953-349-5628	Sequence 5628, Ap
39	34	42.0	383	6	US-10-953-349-18444	Sequence 18444, A
40	34	42.0	400	6	US-10-953-349-18443	Sequence 18443, A
41	34	42.0	483	6	US-10-953-349-11378	Sequence 11378, A
42	34	42.0	512	7	US-11-293-697-4080	Sequence 4080, Ap
43	34	42.0	523	6	US-10-953-349-20058	Sequence 20058, A
44	34	42.0	545	6	US-10-953-349-20057	Sequence 20057, A
45	34	42.0	557	6	US-10-953-349-20056	Sequence 20056, A
46	33.5	41.4	211	6	US-10-953-349-12022	Sequence 12022, A
47	33.5	41.4	377	6	US-10-953-349-12021	Sequence 12021, A
48	33	40.7	126	6	US-10-953-349-15907	Sequence 15907, A
49	33	40.7	158	6	US-10-953-349-9661	Sequence 9661, Ap
50	33	40.7	160	6	US-10-953-349-28747	Sequence 28747, A
51	33	40.7	162	6	US-10-953-349-15906	Sequence 15906, A
52	33	40.7	168	6	US-10-953-349-9660	Sequence 9660, Ap
53	33	40.7	170	6	US-10-953-349-15905	Sequence 15905, A
54	33	40.7	184	6	US-10-953-349-28745	Sequence 28745, A
55	33	40.7	221	6	US-10-953-349-11731	Sequence 11731, A
56	33	40.7	222	6	US-10-953-349-11730	Sequence 11730, A
57	33	40.7	226	6	US-10-505-928-193	Sequence 193, App
58	33	40.7	308	6	US-10-953-349-33811	Sequence 33811, A
59	33	40.7	317	6	US-10-953-349-11729	Sequence 11729, A

# SCORE Search Results Details for Application 10001938 and Search Result us-10-001-938-25.rai.

[Score Home Page](#) [Retrieve Application List](#) [SCORE System Overview](#) [SCORE FAQ](#) [Comments / Suggest](#)

This page gives you Search Results detail for the Application 10001938 and Search Result us-10-001-938-25.rai.

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OM protein - protein search, using sw model

Run on: June 2, 2006, 19:37:25 ; Search time 14.6053 Seconds  
(without alignments)  
89.896 Million cell updates/sec

Title: US-10-001-938-25  
Perfect score: 78  
Sequence: 1 RTIVITSHPGQIVKH 15

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 650591 seqs, 87530628 residues

Total number of hits satisfying chosen parameters: 650591

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 1000 summaries

Database : Issued\_Patents\_AA:\*  
1: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/5\_COMB.pep:\*  
2: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/6\_COMB.pep:\*  
3: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/7\_COMB.pep:\*  
4: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/H\_COMB.pep:\*  
5: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/PCTUS\_COMB.pep:\*  
6: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/RE\_COMB.pep:\*  
7: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/backfiles1.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	% Match	Query Length	DB ID	Description
1	78	100.0	397	1	US-08-868-288A-5 Sequence 5, Appli
2	78	100.0	397	2	US-09-235-373-5 Sequence 5, Appli

3	78	100.0	397	2	US-09-388-993-5	Sequence 5, Appli
4	78	100.0	397	2	US-09-919-039-178	Sequence 178, App
5	78	100.0	397	2	US-09-538-092-1052	Sequence 1052, Ap
6	78	100.0	397	2	US-09-501-714-5	Sequence 5, Appli
7	49	62.8	397	3	US-10-429-223-2	Sequence 2, Appli
8	49	62.8	397	3	US-10-429-223-4	Sequence 4, Appli
9	48	61.5	239	2	US-10-104-047-2162	Sequence 2162, Ap
10	44	56.4	26	2	US-10-057-789-126	Sequence 126, App
11	44	56.4	27	2	US-10-057-789-128	Sequence 128, App
12	43	55.1	198	2	US-09-270-767-41637	Sequence 41637, A
13	42	53.8	155	2	US-09-087-134-12	Sequence 12, Appl
14	42	53.8	228	2	US-09-949-002-409	Sequence 409, App
15	42	53.8	267	2	US-09-328-352-6820	Sequence 6820, Ap
16	42	53.8	518	2	US-09-113-309-19	Sequence 19, Appl
17	42	53.8	518	2	US-09-521-109-19	Sequence 19, Appl
18	42	53.8	518	2	US-09-562-332-19	Sequence 19, Appl
19	42	53.8	534	2	US-09-087-134-11	Sequence 11, Appl
20	42	53.8	824	2	US-09-949-002-312	Sequence 312, App
21	41	52.6	43	2	US-09-270-767-61905	Sequence 61905, A
22	41	52.6	326	2	US-09-270-767-46335	Sequence 46335, A
23	41	52.6	522	2	US-09-489-039A-10041	Sequence 10041, A
24	40	51.3	266	2	US-09-949-016-8843	Sequence 8843, Ap
25	40	51.3	266	2	US-09-949-016-8844	Sequence 8844, Ap
26	40	51.3	397	1	US-08-371-377-19	Sequence 19, Appl
27	40	51.3	397	2	US-08-875-553D-25	Sequence 25, Appl
28	40	51.3	398	1	US-08-371-377-17	Sequence 17, Appl
29	40	51.3	398	2	US-08-875-553D-23	Sequence 23, Appl
30	40	51.3	419	1	US-08-686-417-3	Sequence 3, Appli
31	40	51.3	462	1	US-08-299-351-1	Sequence 1, Appli
32	40	51.3	462	1	US-08-371-377-18	Sequence 18, Appl
33	40	51.3	462	2	US-09-309-572-10	Sequence 10, Appl
34	40	51.3	462	2	US-09-718-096-10	Sequence 10, Appl
35	40	51.3	462	2	US-08-875-553D-24	Sequence 24, Appl
36	40	51.3	462	2	US-09-949-016-6075	Sequence 6075, Ap
37	40	51.3	462	7	5225348-1	Patent No. 5225348
38	40	51.3	469	2	US-09-949-016-7704	Sequence 7704, Ap
39	40	51.3	469	2	US-09-949-016-9570	Sequence 9570, Ap
40	40	51.3	469	2	US-09-949-016-9571	Sequence 9571, Ap
41	40	51.3	478	2	US-09-949-016-7819	Sequence 7819, Ap
42	40	51.3	510	2	US-09-252-991A-33009	Sequence 33009, A
43	39	50.0	128	2	US-09-270-767-42059	Sequence 42059, A
44	39	50.0	460	2	US-09-174-768-4	Sequence 4, Appli
45	39	50.0	460	2	US-09-248-796A-19819	Sequence 19819, A
46	39	50.0	528	2	US-09-252-991A-22551	Sequence 22551, A
47	39	50.0	1159	1	US-08-956-242-13	Sequence 13, Appl
48	39	50.0	1159	2	US-09-351-215-13	Sequence 13, Appl
49	39	50.0	1159	2	US-09-226-012-2	Sequence 2, Appli
50	39	50.0	1159	2	US-09-226-012-4	Sequence 4, Appli
51	39	50.0	1159	2	US-09-358-383C-10	Sequence 10, Appl
52	39	50.0	1159	2	US-09-275-252A-12	Sequence 12, Appl
53	38.5	49.4	576	2	US-09-328-352-7413	Sequence 7413, Ap
54	38	48.7	70	2	US-09-107-433-4651	Sequence 4651, Ap
55	38	48.7	151	2	US-09-583-110-3331	Sequence 3331, Ap
56	38	48.7	326	2	US-09-134-000C-5365	Sequence 5365, Ap
57	38	48.7	420	2	US-09-213-053-4	Sequence 4, Appli
58	38	48.7	426	2	US-09-248-796A-15263	Sequence 15263, A
59	38	48.7	485	2	US-09-252-991A-31157	Sequence 31157, A
60	38	48.7	511	2	US-09-902-540-10893	Sequence 10893, A
61	38	48.7	889	2	US-09-902-540-15702	Sequence 15702, A
62	38	48.7	1060	2	US-09-248-796A-18062	Sequence 18062, A
63	38	48.7	1394	2	US-09-213-053-2	Sequence 2, Appli

# SCORE Search Results Details for Application 10001938 and Search Result us-10-001-938 25.rapbm.

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This page gives you Search Results detail for the Application 10001938 and Search Result us-10-001-938 25.rapbm.

[start](#)

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GenCore version 5.1.9  
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OM protein - protein search, using sw model

Run on: June 2, 2006, 19:58:51 ; Search time 63.3553 Seconds  
(without alignments)  
109.671 Million cell updates/sec

Title: US-10-001-938-25  
Perfect score: 78  
Sequence: 1 RTIVITSHPGQIVKH 15

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 2097797 seqs, 463214858 residues

Total number of hits satisfying chosen parameters: 2097797

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 1000 summaries

Database : Published\_Applications\_AA\_Main:\*  
1: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US07\_PUBCOMB.pep:\*  
2: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US08\_PUBCOMB.pep:\*  
3: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US09\_PUBCOMB.pep:\*  
4: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US10A\_PUBCOMB.pep:\*  
5: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US10B\_PUBCOMB.pep:\*  
6: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US11\_PUBCOMB.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	% Match	Query Length	DB ID	Description
1	78	100.0	15	4 US-10-001-938-25	Sequence 25, Appl



2	78	100.0	258	5	US-10-473-127-1141	Sequence 1141, Ap
3	78	100.0	258	5	US-10-473-127-1146	Sequence 1146, Ap
4	78	100.0	397	3	US-09-919-039-178	Sequence 178, App
5	78	100.0	397	5	US-10-473-127-1138	Sequence 1138, Ap
6	78	100.0	397	5	US-10-473-127-1139	Sequence 1139, Ap
7	78	100.0	397	5	US-10-473-127-1140	Sequence 1140, Ap
8	78	100.0	397	5	US-10-473-127-1143	Sequence 1143, Ap
9	78	100.0	397	5	US-10-473-127-1144	Sequence 1144, Ap
10	78	100.0	397	5	US-10-473-127-1145	Sequence 1145, Ap
11	78	100.0	397	5	US-10-756-149-4727	Sequence 4727, Ap
12	78	100.0	397	5	US-10-631-467-559	Sequence 559, App
13	78	100.0	397	5	US-10-631-467-1386	Sequence 1386, Ap
14	78	100.0	397	5	US-10-878-556A-155	Sequence 155, App
15	78	100.0	408	5	US-10-450-763-40099	Sequence 40099, A
16	49	62.8	397	4	US-10-429-223-2	Sequence 2, Appli
17	49	62.8	397	4	US-10-429-223-4	Sequence 4, Appli
18	49	62.8	1034	4	US-10-369-493-2756	Sequence 2756, Ap
19	48	61.5	239	4	US-10-104-047-2162	Sequence 2162, Ap
20	48	61.5	239	6	US-11-072-512-2162	Sequence 2162, Ap
21	48	61.5	397	4	US-10-108-260A-3837	Sequence 3837, Ap
22	48	61.5	426	4	US-10-108-260A-4751	Sequence 4751, Ap
23	45	57.7	403	6	US-11-097-143-24405	Sequence 24405, A
24	45	57.7	403	6	US-11-097-143-41904	Sequence 41904, A
25	45	57.7	973	4	US-10-369-493-21064	Sequence 21064, A
26	45	57.7	982	4	US-10-369-493-18879	Sequence 18879, A
27	45	57.7	993	4	US-10-369-493-20014	Sequence 20014, A
28	44	56.4	26	4	US-10-057-789-126	Sequence 126, App
29	44	56.4	26	4	US-10-212-628-126	Sequence 126, App
30	44	56.4	27	4	US-10-057-789-128	Sequence 128, App
31	44	56.4	27	4	US-10-212-628-128	Sequence 128, App
32	44	56.4	458	4	US-10-369-493-1461	Sequence 1461, Ap
33	44	56.4	458	4	US-10-369-493-22525	Sequence 22525, A
34	44	56.4	458	5	US-10-494-175-23	Sequence 23, Appl
35	43	55.1	375	5	US-10-732-923-17660	Sequence 17660, A
36	43	55.1	375	5	US-10-732-923-17665	Sequence 17665, A
37	43	55.1	764	4	US-10-166-087-16	Sequence 16, Appl
38	43	55.1	1693	4	US-10-437-963-189648	Sequence 189648,
39	42	53.8	129	4	US-10-425-115-307676	Sequence 307676,
40	42	53.8	136	4	US-10-767-701-47402	Sequence 47402, A
41	42	53.8	155	4	US-10-044-442-12	Sequence 12, Appl
42	42	53.8	235	6	US-11-096-568A-16063	Sequence 16063, A
43	42	53.8	246	4	US-10-424-599-258384	Sequence 258384,
44	42	53.8	266	4	US-10-425-115-307674	Sequence 307674,
45	42	53.8	306	4	US-10-425-114-51732	Sequence 51732, A
46	42	53.8	330	6	US-11-096-568A-16062	Sequence 16062, A
47	42	53.8	336	6	US-11-096-568A-16061	Sequence 16061, A
48	42	53.8	342	4	US-10-425-114-68558	Sequence 68558, A
49	42	53.8	363	4	US-10-425-115-304214	Sequence 304214,
50	42	53.8	402	4	US-10-343-953-2	Sequence 2, Appli
51	42	53.8	402	4	US-10-257-174-47	Sequence 47, Appl
52	42	53.8	402	5	US-10-481-698-17	Sequence 17, Appl
53	42	53.8	402	6	US-11-174-150-47	Sequence 47, Appl
54	42	53.8	408	5	US-10-732-923-17717	Sequence 17717, A
55	42	53.8	409	5	US-10-732-923-17539	Sequence 17539, A
56	42	53.8	409	5	US-10-732-923-17544	Sequence 17544, A
57	42	53.8	410	4	US-10-424-599-271035	Sequence 271035,
58	42	53.8	412	5	US-10-204-639-43	Sequence 43, Appl
59	42	53.8	417	4	US-10-424-599-186616	Sequence 186616,
60	42	53.8	417	4	US-10-424-599-271037	Sequence 271037,
61	42	53.8	417	4	US-10-425-115-307680	Sequence 307680,
62	42	53.8	418	4	US-10-425-115-307678	Sequence 307678,

# SCORE Search Results Details for Application 10001938 and Search Result us-10-001-938-25.rapbn.

<a href="#">Score Home Page</a>	<a href="#">Retrieve Application List</a>	<a href="#">SCORE System Overview</a>	<a href="#">SCORE FAQ</a>	<a href="#">Comments / Suggestions</a>
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This page gives you Search Results detail for the Application 10001938 and Search Result us-10-001-938-25.rapbn.

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OM protein - protein search, using sw model

Run on: June 2, 2006, 19:45:07 ; Search time 3.55263 Seconds  
(without alignments)  
48.831 Million cell updates/sec

Title: US-10-001-938-25  
Perfect score: 78  
Sequence: 1 RTIVITSHPGQIVKH 15

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 58871 seqs, 11565156 residues

Total number of hits satisfying chosen parameters: 58871

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 1000 summaries

Database : Published\_Applications\_AA\_New:\*  
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2: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US06\_NEW\_PUB.pep:\*  
3: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US07\_NEW\_PUB.pep:\*  
4: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US08\_NEW\_PUB.pep:\*  
5: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/PCT\_NEW\_PUB.pep:\*  
6: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US10\_NEW\_PUB.pep:\*  
7: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US11\_NEW\_PUB.pep:\*  
8: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US60\_NEW\_PUB.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result	% Query
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1	78	100.0	15	6	US-10-490-949-34	Sequence 34, Appl
2	48	61.5	397	7	US-11-293-697-3837	Sequence 3837, Ap
3	48	61.5	426	7	US-11-293-697-4751	Sequence 4751, Ap
4	42	53.8	256	6	US-10-953-349-16379	Sequence 16379, A
5	42	53.8	336	6	US-10-953-349-16378	Sequence 16378, A
6	42	53.8	417	6	US-10-953-349-16377	Sequence 16377, A
7	41	52.6	338	6	US-10-953-349-13711	Sequence 13711, A
8	41	52.6	382	6	US-10-953-349-13710	Sequence 13710, A
9	41	52.6	420	6	US-10-953-349-13709	Sequence 13709, A
10	40	51.3	257	6	US-10-953-349-1056	Sequence 1056, Ap
11	40	51.3	268	6	US-10-953-349-21449	Sequence 21449, A
12	40	51.3	300	6	US-10-953-349-21447	Sequence 21447, A
13	40	51.3	337	6	US-10-953-349-1055	Sequence 1055, Ap
14	40	51.3	346	6	US-10-953-349-23983	Sequence 23983, A
15	40	51.3	348	6	US-10-953-349-7255	Sequence 7255, Ap
16	40	51.3	348	6	US-10-953-349-38793	Sequence 38793, A
17	40	51.3	399	6	US-10-953-349-23982	Sequence 23982, A
18	40	51.3	399	6	US-10-953-349-35097	Sequence 35097, A
19	40	51.3	401	6	US-10-953-349-7254	Sequence 7254, Ap
20	40	51.3	401	6	US-10-953-349-38792	Sequence 38792, A
21	40	51.3	419	6	US-10-953-349-1054	Sequence 1054, Ap
22	40	51.3	447	6	US-10-953-349-23981	Sequence 23981, A
23	40	51.3	447	6	US-10-953-349-35096	Sequence 35096, A
24	40	51.3	449	6	US-10-953-349-7253	Sequence 7253, Ap
25	40	51.3	449	6	US-10-953-349-38791	Sequence 38791, A
26	40	51.3	462	6	US-10-511-937-2558	Sequence 2558, Ap
27	40	51.3	463	6	US-10-516-478-6	Sequence 6, Appli
28	40	51.3	485	6	US-10-953-349-35095	Sequence 35095, A
29	38	48.7	681	7	US-11-293-697-3408	Sequence 3408, Ap
30	38	48.7	681	7	US-11-293-697-3639	Sequence 3639, Ap
31	37	47.4	210	6	US-10-953-349-31668	Sequence 31668, A
32	37	47.4	288	6	US-10-953-349-31667	Sequence 31667, A
33	37	47.4	306	6	US-10-953-349-31666	Sequence 31666, A
34	37	47.4	1395	6	US-10-505-928-513	Sequence 513, App
35	36	46.2	252	6	US-10-953-349-20106	Sequence 20106, A
36	36	46.2	263	6	US-10-953-349-20105	Sequence 20105, A
37	36	46.2	304	6	US-10-953-349-20104	Sequence 20104, A
38	36	46.2	426	6	US-10-953-349-2596	Sequence 2596, Ap
39	36	46.2	649	6	US-10-953-349-2595	Sequence 2595, Ap
40	36	46.2	667	6	US-10-953-349-2594	Sequence 2594, Ap
41	35	44.9	144	6	US-10-953-349-2402	Sequence 2402, Ap
42	35	44.9	197	6	US-10-953-349-13929	Sequence 13929, A
43	35	44.9	200	6	US-10-953-349-2401	Sequence 2401, Ap
44	35	44.9	208	6	US-10-953-349-2400	Sequence 2400, Ap
45	35	44.9	331	6	US-10-196-749-162	Sequence 162, App
46	35	44.9	331	7	US-11-101-316-36	Sequence 36, Appl
47	35	44.9	331	7	US-11-305-413-12	Sequence 12, Appl
48	35	44.9	434	7	US-11-106-014-24	Sequence 24, Appl
49	35	44.9	883	7	US-11-297-383-11	Sequence 11, Appl
50	34	43.6	87	6	US-10-953-349-37142	Sequence 37142, A
51	34	43.6	125	7	US-11-293-697-4630	Sequence 4630, Ap
52	34	43.6	128	6	US-10-953-349-2235	Sequence 2235, Ap
53	34	43.6	163	7	US-11-249-111-107	Sequence 107, App
54	34	43.6	194	6	US-10-510-162-4	Sequence 4, Appli
55	34	43.6	195	6	US-10-953-349-2234	Sequence 2234, Ap
56	34	43.6	195	6	US-10-953-349-37209	Sequence 37209, A
57	34	43.6	198	6	US-10-953-349-2233	Sequence 2233, Ap
58	34	43.6	198	6	US-10-953-349-37208	Sequence 37208, A
59	34	43.6	214	6	US-10-953-349-37207	Sequence 37207, A

# SCORE Search Results Details for Application 10001938 and Search Result us-10-001-938-26

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This page gives you Search Results detail for the Application 10001938 and Search Result us-10-001-938-26.rai.

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OM protein - protein search, using sw model

Run on: June 2, 2006, 19:08:52 ; Search time 11.4238 Seconds  
(without alignments)  
114.932 Million cell updates/sec

Title: US-10-001-938-26  
Perfect score: 79  
Sequence: 1 GRLIIEFKVNFPENG 15

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 650591 seqs, 87530628 residues

Total number of hits satisfying chosen parameters: 650591

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 1000 summaries

Database : Issued\_Patents\_AA:\*  
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3: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/7\_COMB.pep:\*  
4: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/H\_COMB.pep:\*  
5: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/PCTUS\_COMB.pep:\*  
6: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/RE\_COMB.pep:\*  
7: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/backfiles1.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	% Match	Query Length	DB ID	Description
1	79	100.0	397	1 US-08-868-288A-5	Sequence 5, Appli
2	79	100.0	397	2 US-09-235-373-5	Sequence 5, Appli

3	79	100.0	397	2	US-09-388-993-5	Sequence 5, Appli
4	79	100.0	397	2	US-09-919-039-178	Sequence 178, App
5	79	100.0	397	2	US-09-538-092-1052	Sequence 1052, Ap
6	79	100.0	397	2	US-09-501-714-5	Sequence 5, Appli
7	52	65.8	397	2	US-09-248-796A-17628	Sequence 17628, A
8	50	63.3	348	1	US-08-974-546-1	Sequence 1, Appli
9	47	59.5	340	1	US-08-974-546-5	Sequence 5, Appli
10	47	59.5	340	2	US-09-949-016-6691	Sequence 6691, Ap
11	47	59.5	363	2	US-09-949-016-8899	Sequence 8899, Ap
12	46	58.2	334	3	US-10-429-223-3	Sequence 3, Appli
13	46	58.2	337	2	US-09-665-479A-8	Sequence 8, Appli
14	45	57.0	77	2	US-09-270-767-57315	Sequence 57315, A
15	45	57.0	128	2	US-09-270-767-42059	Sequence 42059, A
16	43	54.4	666	2	US-09-134-001C-5465	Sequence 5465, Ap
17	42	53.2	86	1	US-08-785-795-1	Sequence 1, Appli
18	42	53.2	397	3	US-10-429-223-2	Sequence 2, Appli
19	41	51.9	96	2	US-09-248-796A-21503	Sequence 21503, A
20	41	51.9	662	2	US-09-583-110-4571	Sequence 4571, Ap
21	41	51.9	679	2	US-09-107-433-3402	Sequence 3402, Ap
22	40.5	51.3	74	2	US-09-270-767-57464	Sequence 57464, A
23	40.5	51.3	262	2	US-09-270-767-42193	Sequence 42193, A
24	40	50.6	239	2	US-10-104-047-2162	Sequence 2162, Ap
25	40	50.6	358	1	US-08-868-288A-1	Sequence 1, Appli
26	40	50.6	358	2	US-09-235-373-1	Sequence 1, Appli
27	40	50.6	358	2	US-09-388-993-1	Sequence 1, Appli
28	40	50.6	358	2	US-09-991-181-148	Sequence 148, App
29	40	50.6	358	2	US-09-501-714-1	Sequence 1, Appli
30	40	50.6	358	2	US-09-990-444-148	Sequence 148, App
31	40	50.6	358	2	US-09-997-333-148	Sequence 148, App
32	40	50.6	358	2	US-09-992-598-148	Sequence 148, App
33	40	50.6	358	2	US-09-989-735-148	Sequence 148, App
34	40	50.6	358	3	US-09-989-726-148	Sequence 148, App
35	40	50.6	358	3	US-09-997-514-148	Sequence 148, App
36	40	50.6	358	3	US-09-989-728-148	Sequence 148, App
37	40	50.6	358	3	US-09-997-349-148	Sequence 148, App
38	40	50.6	358	3	US-09-997-653-148	Sequence 148, App
39	40	50.6	358	3	US-09-989-293A-148	Sequence 148, App
40	40	50.6	419	1	US-08-686-417-3	Sequence 3, Appli
41	40	50.6	428	1	US-08-889-711-4	Sequence 4, Appli
42	40	50.6	428	2	US-09-185-825-4	Sequence 4, Appli
43	40	50.6	763	1	US-08-889-711-2	Sequence 2, Appli
44	40	50.6	763	2	US-09-185-825-2	Sequence 2, Appli
45	40	50.6	763	2	US-09-583-110-3773	Sequence 3773, Ap
46	40	50.6	776	2	US-09-107-433-3635	Sequence 3635, Ap
47	39	49.4	312	2	US-09-538-092-256	Sequence 256, App
48	39	49.4	319	2	US-09-248-796A-18323	Sequence 18323, A
49	39	49.4	323	2	US-09-538-092-1093	Sequence 1093, Ap
50	39	49.4	327	2	US-09-538-092-1095	Sequence 1095, Ap
51	39	49.4	327	2	US-09-949-016-6266	Sequence 6266, Ap
52	39	49.4	330	2	US-09-167-206-6	Sequence 6, Appli
53	39	49.4	330	2	US-09-538-092-873	Sequence 873, App
54	39	49.4	330	2	US-09-190-976B-8	Sequence 8, Appli
55	39	49.4	356	2	US-09-949-016-8084	Sequence 8084, Ap
56	39	49.4	374	2	US-09-949-016-7363	Sequence 7363, Ap
57	39	49.4	431	2	US-09-248-796A-16312	Sequence 16312, A
58	39	49.4	685	2	US-10-094-749-2360	Sequence 2360, Ap
59	38	48.1	49	2	US-09-270-767-33329	Sequence 33329, A
60	38	48.1	49	2	US-09-270-767-48546	Sequence 48546, A
61	38	48.1	78	1	US-08-117-952-752	Sequence 752, App
62	38	48.1	106	2	US-09-746-801A-49	Sequence 49, Appl
63	38	48.1	106	2	US-10-719-885-49	Sequence 49, Appl



# SCORE Search Results Details for Application 10001938 and Search Result us-10-001-938 26.rapbm.

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This page gives you Search Results detail for the Application 10001938 and Search Result us-10-001-938 26.rapbm.

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GenCore version 5.1.9  
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OM protein - protein search, using sw model

Run on: June 2, 2006, 19:29:53 ; Search time 75.9934 Seconds  
(without alignments)  
91.432 Million cell updates/sec

Title: US-10-001-938-26  
Perfect score: 79  
Sequence: 1 GRLIIEFKVNFPENG 15

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 2097797 seqs, 463214858 residues

Total number of hits satisfying chosen parameters: 2097797

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 1000 summaries

Database : Published\_Applications\_AA\_Main:\*  
1: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US07\_PUBCOMB.pep:\*  
2: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US08\_PUBCOMB.pep:\*  
3: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US09\_PUBCOMB.pep:\*  
4: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US10A\_PUBCOMB.pep:\*  
5: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US10B\_PUBCOMB.pep:\*  
6: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US11\_PUBCOMB.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	% Match	Query Length	DB ID	Description
1	79	100.0	15	4 US-10-001-938-26	Sequence 26, Appl

2	79	100.0	258	5	US-10-473-127-1141	Sequence 1141, Ap
3	79	100.0	258	5	US-10-473-127-1146	Sequence 1146, Ap
4	79	100.0	397	3	US-09-919-039-178	Sequence 178, App
5	79	100.0	397	5	US-10-473-127-1138	Sequence 1138, Ap
6	79	100.0	397	5	US-10-473-127-1139	Sequence 1139, Ap
7	79	100.0	397	5	US-10-473-127-1140	Sequence 1140, Ap
8	79	100.0	397	5	US-10-473-127-1143	Sequence 1143, Ap
9	79	100.0	397	5	US-10-473-127-1144	Sequence 1144, Ap
10	79	100.0	397	5	US-10-473-127-1145	Sequence 1145, Ap
11	79	100.0	397	5	US-10-756-149-4727	Sequence 4727, Ap
12	79	100.0	397	5	US-10-631-467-559	Sequence 559, App
13	79	100.0	397	5	US-10-631-467-1386	Sequence 1386, Ap
14	79	100.0	397	5	US-10-878-556A-155	Sequence 155, App
15	79	100.0	408	5	US-10-450-763-40099	Sequence 40099, A
16	67	84.8	291	5	US-10-450-763-40097	Sequence 40097, A
17	58	73.4	204	4	US-10-767-701-39910	Sequence 39910, A
18	58	73.4	416	4	US-10-437-963-188385	Sequence 188385,
19	55	69.6	420	4	US-10-437-963-128712	Sequence 128712,
20	55	69.6	420	4	US-10-767-701-46164	Sequence 46164, A
21	55	69.6	433	4	US-10-425-114-63266	Sequence 63266, A
22	55	69.6	435	4	US-10-425-114-59462	Sequence 59462, A
23	53	67.1	398	4	US-10-425-114-55344	Sequence 55344, A
24	53	67.1	420	4	US-10-424-599-257607	Sequence 257607,
25	53	67.1	420	4	US-10-424-599-257608	Sequence 257608,
26	53	67.1	424	4	US-10-425-114-46242	Sequence 46242, A
27	52	65.8	422	4	US-10-425-115-332061	Sequence 332061,
28	52	65.8	435	4	US-10-425-114-65366	Sequence 65366, A
29	50	63.3	348	5	US-10-871-388-1	Sequence 1, Appli
30	48	60.8	104	4	US-10-425-115-237886	Sequence 237886,
31	48	60.8	455	4	US-10-369-493-12873	Sequence 12873, A
32	47	59.5	58	4	US-10-424-599-163018	Sequence 163018,
33	47	59.5	340	4	US-10-116-275-134	Sequence 134, App
34	47	59.5	340	4	US-10-116-275-135	Sequence 135, App
35	47	59.5	340	5	US-10-871-388-5	Sequence 5, Appli
36	47	59.5	340	5	US-10-792-571-16	Sequence 16, Appl
37	47	59.5	340	6	US-11-047-063-2	Sequence 2, Appli
38	47	59.5	345	4	US-10-424-599-275932	Sequence 275932,
39	47	59.5	349	5	US-10-732-923-18380	Sequence 18380, A
40	47	59.5	377	5	US-10-450-763-48884	Sequence 48884, A
41	46	58.2	334	4	US-10-429-223-3	Sequence 3, Appli
42	46	58.2	337	4	US-10-788-792-162	Sequence 162, App
43	45	57.0	77	4	US-10-106-698-5915	Sequence 5915, Ap
44	45	57.0	389	6	US-11-097-143-20832	Sequence 20832, A
45	45	57.0	403	6	US-11-097-143-24405	Sequence 24405, A
46	45	57.0	403	6	US-11-097-143-41904	Sequence 41904, A
47	45	57.0	412	5	US-10-965-898-18	Sequence 18, Appl
48	45	57.0	479	4	US-10-788-792-186	Sequence 186, App
49	43	54.4	91	4	US-10-425-115-212526	Sequence 212526,
50	43	54.4	104	4	US-10-425-115-314381	Sequence 314381,
51	43	54.4	392	5	US-10-467-657-1784	Sequence 1784, Ap
52	43	54.4	439	4	US-10-369-493-6325	Sequence 6325, Ap
53	43	54.4	666	4	US-10-724-972A-7129	Sequence 7129, Ap
54	42	53.2	90	4	US-10-425-115-189463	Sequence 189463,
55	42	53.2	129	4	US-10-425-115-307676	Sequence 307676,
56	42	53.2	136	4	US-10-767-701-47402	Sequence 47402, A
57	42	53.2	174	4	US-10-425-115-314374	Sequence 314374,
58	42	53.2	205	6	US-11-096-568A-21365	Sequence 21365, A
59	42	53.2	206	6	US-11-096-568A-15004	Sequence 15004, A
60	42	53.2	210	4	US-10-425-115-209770	Sequence 209770,
61	42	53.2	228	4	US-10-767-701-46318	Sequence 46318, A
62	42	53.2	228	4	US-10-425-115-314380	Sequence 314380,

# SCORE Search Results Details for Application 10001938 and Search Result us-10-001-938-26.rapbn.

<a href="#">Score Home</a>	<a href="#">Retrieve Application</a>	<a href="#">SCORE System</a>	<a href="#">SCORE</a>	<a href="#">Comments /</a>
<a href="#">Page</a>	<a href="#">List</a>	<a href="#">Overview</a>	<a href="#">FAQ</a>	<a href="#">Suggestions</a>

This page gives you Search Results detail for the Application 10001938 and Search Result us-10-001-938-26.rapbn.

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OM protein - protein search, using sw model

Run on: June 2, 2006, 19:30:30 ; Search time 3.57616 Seconds  
(without alignments)  
48.509 Million cell updates/sec

Title: US-10-001-938-26  
Perfect score: 79  
Sequence: 1 GRLIIEFKVNFPENG 15

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 58871 seqs, 11565156 residues

Total number of hits satisfying chosen parameters: 58871

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 1000 summaries

Database : Published\_Applications\_AA\_New:\*  
1: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US09\_NEW\_PUB.pep:\*  
2: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US06\_NEW\_PUB.pep:\*  
3: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US07\_NEW\_PUB.pep:\*  
4: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US08\_NEW\_PUB.pep:\*  
5: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/PCT\_NEW\_PUB.pep:\*  
6: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US10\_NEW\_PUB.pep:\*  
7: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US11\_NEW\_PUB.pep:\*  
8: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US60\_NEW\_PUB.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result	% Query
--------	------------

No.	Score	Match	Length	DB	ID	Description
1	79	100.0	15	6	US-10-490-949-35	Sequence 35, Appl
2	53	67.1	338	6	US-10-953-349-13711	Sequence 13711, A
3	53	67.1	382	6	US-10-953-349-13710	Sequence 13710, A
4	53	67.1	420	6	US-10-953-349-13709	Sequence 13709, A
5	43	54.4	257	6	US-10-953-349-1056	Sequence 1056, Ap
6	43	54.4	337	6	US-10-953-349-1055	Sequence 1055, Ap
7	43	54.4	419	6	US-10-953-349-1054	Sequence 1054, Ap
8	41	51.9	87	6	US-10-953-349-38753	Sequence 38753, A
9	41	51.9	93	6	US-10-953-349-38752	Sequence 38752, A
10	41	51.9	95	6	US-10-953-349-38751	Sequence 38751, A
11	40	50.6	256	6	US-10-953-349-16379	Sequence 16379, A
12	40	50.6	316	6	US-10-953-349-36080	Sequence 36080, A
13	40	50.6	317	6	US-10-953-349-36079	Sequence 36079, A
14	40	50.6	336	6	US-10-953-349-16378	Sequence 16378, A
15	40	50.6	397	7	US-11-293-697-3837	Sequence 3837, Ap
16	40	50.6	417	6	US-10-953-349-16377	Sequence 16377, A
17	40	50.6	426	7	US-11-293-697-4751	Sequence 4751, Ap
18	40	50.6	763	7	US-11-122-986-338	Sequence 338, App
19	40	50.6	763	7	US-11-122-986-340	Sequence 340, App
20	39	49.4	278	6	US-10-953-349-2767	Sequence 2767, Ap
21	39	49.4	304	6	US-10-953-349-2766	Sequence 2766, Ap
22	39	49.4	312	6	US-10-953-349-2765	Sequence 2765, Ap
23	38	48.1	158	6	US-10-953-349-39181	Sequence 39181, A
24	38	48.1	175	6	US-10-953-349-39180	Sequence 39180, A
25	38	48.1	187	6	US-10-953-349-39179	Sequence 39179, A
26	38	48.1	643	6	US-10-504-120-19	Sequence 19, Appl
27	38	48.1	1151	7	US-11-246-999-103	Sequence 103, App
28	38	48.1	1366	6	US-10-985-570-3	Sequence 3, Appli
29	36	45.6	189	6	US-10-953-349-9120	Sequence 9120, Ap
30	36	45.6	192	6	US-10-953-349-9119	Sequence 9119, Ap
31	36	45.6	248	6	US-10-953-349-9118	Sequence 9118, Ap
32	36	45.6	523	6	US-10-953-349-36009	Sequence 36009, A
33	36	45.6	565	6	US-10-953-349-36008	Sequence 36008, A
34	36	45.6	2209	7	US-11-301-554-1903	Sequence 1903, Ap
35	35	44.3	213	6	US-10-953-349-19718	Sequence 19718, A
36	35	44.3	250	6	US-10-953-349-19717	Sequence 19717, A
37	35	44.3	392	6	US-10-953-349-5472	Sequence 5472, Ap
38	35	44.3	511	7	US-11-121-154-96	Sequence 96, Appl
39	34	43.0	140	6	US-10-953-349-39676	Sequence 39676, A
40	34	43.0	153	7	US-11-244-348A-6	Sequence 6, Appli
41	34	43.0	243	6	US-10-953-349-39675	Sequence 39675, A
42	34	43.0	308	6	US-10-953-349-19157	Sequence 19157, A
43	34	43.0	334	6	US-10-953-349-9073	Sequence 9073, Ap
44	34	43.0	348	6	US-10-953-349-14087	Sequence 14087, A
45	34	43.0	369	6	US-10-953-349-14086	Sequence 14086, A
46	34	43.0	385	6	US-10-953-349-9072	Sequence 9072, Ap
47	34	43.0	390	6	US-10-953-349-9071	Sequence 9071, Ap
48	34	43.0	458	6	US-10-196-749-498	Sequence 498, App
49	34	43.0	464	6	US-10-505-928-757	Sequence 757, App
50	34	43.0	466	6	US-10-953-349-22705	Sequence 22705, A
51	34	43.0	483	6	US-10-953-349-22704	Sequence 22704, A
52	34	43.0	516	6	US-10-953-349-23783	Sequence 23783, A
53	34	43.0	534	6	US-10-953-349-22703	Sequence 22703, A
54	34	43.0	551	7	US-11-236-238-29	Sequence 29, Appl
55	34	43.0	592	6	US-10-953-349-23782	Sequence 23782, A
56	34	43.0	596	6	US-10-953-349-23781	Sequence 23781, A
57	34	43.0	644	7	US-11-244-348A-5	Sequence 5, Appli
58	34	43.0	1025	6	US-10-505-928-505	Sequence 505, App
59	33.5	42.4	230	7	US-11-118-112A-220	Sequence 220, App

SCORE Search Results Details for Application  
10001938 and Search Result us-10-001-938-3

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This page gives you Search Results detail for the Application 10001938 and Search Result us-10-001-938-3.  
[start](#)

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OM protein - protein search, using sw model

Run on: June 2, 2006, 19:37:25 ; Search time 15.5789 Seconds  
(without alignments)  
89.896 Million cell updates/sec

Title: US-10-001-938-3  
Perfect score: 86  
Sequence: 1 QKRAAYDQYGHAAFEQ 16

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 650591 seqs, 87530628 residues

Total number of hits satisfying chosen parameters: 650591

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 1000 summaries

Database : Issued\_Patents\_AA:\*  
1: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/5\_COMB.pep:\*  
2: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/6\_COMB.pep:\*  
3: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/7\_COMB.pep:\*  
4: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/H\_COMB.pep:\*  
5: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/PCTUS\_COMB.pep:\*  
6: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/RE\_COMB.pep:\*  
7: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/backfiles1.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES						
Result No.	Score	% Query		Length	DB ID	Description
		Match	Length			
1	86	100.0	131	2	US-09-553-498-4	Sequence 4, Appli
2	86	100.0	131	2	US-09-618-869-4	Sequence 4, Appli



3	86	100.0	380	2	US-09-543-681A-5912	Sequence 5912, Ap
4	86	100.0	380	2	US-09-489-039A-9011	Sequence 9011, Ap
5	86	100.0	399	2	US-09-553-498-2	Sequence 2, Appli
6	86	100.0	399	2	US-09-618-869-2	Sequence 2, Appli
7	81	94.2	15	1	US-08-618-464-4	Sequence 4, Appli
8	81	94.2	15	2	US-09-107-615-4	Sequence 4, Appli
9	81	94.2	15	2	US-09-756-983-10	Sequence 10, Appl
10	81	94.2	15	2	US-10-299-184A-4	Sequence 4, Appli
11	81	94.2	15	2	US-09-828-574A-10	Sequence 10, Appl
12	81	94.2	15	3	US-09-421-506-10	Sequence 10, Appl
13	81	94.2	15	5	PCT-US95-04896-4	Sequence 4, Appli
14	72	83.7	15	1	US-08-618-464-5	Sequence 5, Appli
15	72	83.7	15	2	US-09-107-615-5	Sequence 5, Appli
16	72	83.7	15	2	US-10-299-184A-5	Sequence 5, Appli
17	72	83.7	15	2	US-09-828-574A-11	Sequence 11, Appl
18	72	83.7	15	5	PCT-US95-04896-5	Sequence 5, Appli
19	67	77.9	376	3	US-10-375-010-22	Sequence 22, Appl
20	62	72.1	381	2	US-09-252-991A-27174	Sequence 27174, A
21	61	70.9	407	2	US-09-540-236-2899	Sequence 2899, Ap
22	60	69.8	368	2	US-09-861-451A-2	Sequence 2, Appli
23	56	65.1	352	1	US-08-472-534-6	Sequence 6, Appli
24	56	65.1	378	2	US-09-583-110-4647	Sequence 4647, Ap
25	56	65.1	379	2	US-09-107-433-3487	Sequence 3487, Ap
26	54	62.8	15	1	US-08-618-464-6	Sequence 6, Appli
27	54	62.8	15	2	US-09-107-615-6	Sequence 6, Appli
28	54	62.8	15	2	US-10-299-184A-6	Sequence 6, Appli
29	53	61.6	240	2	US-09-248-796A-17703	Sequence 17703, A
30	52	60.5	375	2	US-09-328-352-4984	Sequence 4984, Ap
31	47	54.7	138	2	US-09-902-540-13689	Sequence 13689, A
32	47	54.7	373	2	US-09-710-279-890	Sequence 890, App
33	47	54.7	385	2	US-09-134-001C-3688	Sequence 3688, Ap
34	47	54.7	595	2	US-10-104-047-2714	Sequence 2714, Ap
35	46	53.5	419	1	US-08-686-417-3	Sequence 3, Appli
36	45	52.3	677	2	US-09-252-991A-18102	Sequence 18102, A
37	44	51.2	387	2	US-09-908-992B-11	Sequence 11, Appl
38	44	51.2	397	2	US-09-248-796A-17628	Sequence 17628, A
39	44	51.2	414	2	US-09-908-992B-10	Sequence 10, Appl
40	44	51.2	452	2	US-09-908-992B-29	Sequence 29, Appl
41	44	51.2	453	2	US-09-908-992B-9	Sequence 9, Appli
42	44	51.2	453	2	US-09-908-992B-30	Sequence 30, Appl
43	44	51.2	479	2	US-09-908-992B-28	Sequence 28, Appl
44	44	51.2	480	2	US-09-908-992B-8	Sequence 8, Appli
45	44	51.2	480	2	US-09-908-992B-12	Sequence 12, Appl
46	44	51.2	915	2	US-09-252-991A-24992	Sequence 24992, A
47	43	50.0	1895	1	US-08-619-554-4	Sequence 4, Appli
48	43	50.0	1895	2	US-09-487-558B-136	Sequence 136, App
49	41	47.7	87	2	US-09-882-835-4	Sequence 4, Appli
50	41	47.7	191	2	US-10-094-749-2011	Sequence 2011, Ap
51	41	47.7	223	2	US-09-658-644-4	Sequence 4, Appli
52	41	47.7	223	2	US-09-949-016-6832	Sequence 6832, Ap
53	41	47.7	267	2	US-09-949-016-11497	Sequence 11497, A
54	41	47.7	348	1	US-08-974-546-1	Sequence 1, Appli
55	41	47.7	387	2	US-09-543-681A-7130	Sequence 7130, Ap
56	41	47.7	845	2	US-09-252-991A-29230	Sequence 29230, A
57	40	46.5	231	2	US-09-902-540-14837	Sequence 14837, A
58	40	46.5	317	2	US-09-328-352-8169	Sequence 8169, Ap
59	40	46.5	487	2	US-09-252-991A-21980	Sequence 21980, A
60	39	45.3	53	3	US-10-016-768A-2	Sequence 2, Appli
61	39	45.3	116	2	US-09-248-796A-21361	Sequence 21361, A
62	39	45.3	213	2	US-10-094-749-1949	Sequence 1949, Ap
63	39	45.3	442	3	US-10-016-768A-8	Sequence 8, Appli

# SCORE Search Results Details for Application 10001938 and Search Result us-10-001-938-3.rapbm.

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This page gives you Search Results detail for the Application 10001938 and Search Result us-10-001-938-3.rapbm.

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GenCore version 5.1.9  
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OM protein - protein search, using sw model

Run on: June 2, 2006, 19:58:51 ; Search time 67.5789 Seconds  
(without alignments)  
109.671 Million cell updates/sec

Title: US-10-001-938-3  
Perfect score: 86  
Sequence: 1 QKRAAYDQYGHAAFEQ 16

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 2097797 seqs, 463214858 residues

Total number of hits satisfying chosen parameters: 2097797

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 1000 summaries

Database : Published\_Applications\_AA\_Main:\*  
1: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US07\_PUBCOMB.pep:\*  
2: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US08\_PUBCOMB.pep:\*  
3: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US09\_PUBCOMB.pep:\*  
4: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US10A\_PUBCOMB.pep:\*  
5: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US10B\_PUBCOMB.pep:\*  
6: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US11\_PUBCOMB.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	% Match	Query Length	DB ID	Description
1	86	100.0	16	4	US-10-001-938-3 Sequence 3, Appli
2	86	100.0	340	3	US-09-764-868-1153 Sequence 1153, Ap
3	86	100.0	341	3	US-09-764-868-1152 Sequence 1152, Ap

4	86	100.0	376	4	US-10-369-493-689	Sequence 689, App
5	86	100.0	376	6	US-11-080-458-32	Sequence 32, Appl
6	86	100.0	378	4	US-10-369-493-386	Sequence 386, App
7	86	100.0	378	4	US-10-369-493-21305	Sequence 21305, A
8	86	100.0	476	5	US-10-450-763-48130	Sequence 48130, A
9	81	94.2	15	3	US-09-756-983-10	Sequence 10, Appl
10	81	94.2	15	3	US-09-828-574-10	Sequence 10, Appl
11	81	94.2	15	4	US-10-001-938-27	Sequence 27, Appl
12	81	94.2	15	4	US-10-299-540-4	Sequence 4, Appli
13	81	94.2	15	4	US-10-299-184-4	Sequence 4, Appli
14	81	94.2	15	4	US-10-239-313A-444	Sequence 444, App
15	81	94.2	15	5	US-10-614-639A-10	Sequence 10, Appl
16	81	94.2	15	5	US-10-614-414A-10	Sequence 10, Appl
17	81	94.2	15	5	US-10-960-855-10	Sequence 10, Appl
18	81	94.2	15	6	US-11-080-458-10	Sequence 10, Appl
19	81	94.2	16	4	US-10-239-313A-447	Sequence 447, App
20	79	91.9	365	4	US-10-369-493-10648	Sequence 10648, A
21	78	90.7	376	4	US-10-369-493-12087	Sequence 12087, A
22	73	84.9	344	5	US-10-467-657-8284	Sequence 8284, Ap
23	72	83.7	15	3	US-09-828-574-11	Sequence 11, Appl
24	72	83.7	15	4	US-10-299-540-5	Sequence 5, Appli
25	72	83.7	15	4	US-10-299-184-5	Sequence 5, Appli
26	72	83.7	15	6	US-11-080-458-11	Sequence 11, Appl
27	69	80.2	382	4	US-10-369-493-8065	Sequence 8065, Ap
28	69	80.2	384	4	US-10-369-493-21849	Sequence 21849, A
29	67	77.9	376	4	US-10-375-010-22	Sequence 22, Appl
30	67	77.9	376	6	US-11-232-406A-22	Sequence 22, Appl
31	67	77.9	379	4	US-10-369-493-7330	Sequence 7330, Ap
32	67	77.9	380	4	US-10-369-493-4573	Sequence 4573, Ap
33	63	73.3	376	4	US-10-369-493-47	Sequence 47, Appl
34	62	72.1	374	4	US-10-369-493-13658	Sequence 13658, A
35	61	70.9	378	4	US-10-369-493-8450	Sequence 8450, Ap
36	61	70.9	385	5	US-10-501-282-4398	Sequence 4398, Ap
37	60	69.8	368	3	US-09-861-451A-2	Sequence 2, Appli
38	60	69.8	375	4	US-10-369-493-15859	Sequence 15859, A
39	60	69.8	376	4	US-10-369-493-15487	Sequence 15487, A
40	59	68.6	358	4	US-10-369-493-9641	Sequence 9641, Ap
41	58	67.4	379	4	US-10-369-493-18523	Sequence 18523, A
42	58	67.4	385	4	US-10-369-493-16754	Sequence 16754, A
43	57	66.3	369	4	US-10-369-493-19646	Sequence 19646, A
44	57	66.3	377	6	US-11-045-004-1504	Sequence 1504, Ap
45	56	65.1	362	4	US-10-369-493-9305	Sequence 9305, Ap
46	56	65.1	378	4	US-10-474-776-634	Sequence 634, App
47	56	65.1	378	5	US-10-472-928-900	Sequence 900, App
48	56	65.1	379	5	US-10-617-320-3487	Sequence 3487, Ap
49	54	62.8	15	4	US-10-299-540-6	Sequence 6, Appli
50	54	62.8	15	4	US-10-299-184-6	Sequence 6, Appli
51	54	62.8	318	4	US-10-425-115-239397	Sequence 239397,
52	53	61.6	423	4	US-10-369-493-12619	Sequence 12619, A
53	52	60.5	360	4	US-10-369-493-10371	Sequence 10371, A
54	52	60.5	372	4	US-10-369-493-23206	Sequence 23206, A
55	52	60.5	376	4	US-10-369-493-1212	Sequence 1212, Ap
56	52	60.5	395	6	US-11-079-463-9803	Sequence 9803, Ap
57	50	58.1	175	4	US-10-767-701-40315	Sequence 40315, A
58	50	58.1	241	4	US-10-425-115-289174	Sequence 289174,
59	50	58.1	297	4	US-10-282-122A-54551	Sequence 54551, A
60	50	58.1	334	6	US-11-096-568A-24300	Sequence 24300, A
61	50	58.1	362	4	US-10-437-963-190831	Sequence 190831,
62	50	58.1	362	4	US-10-425-115-289176	Sequence 289176,
63	50	58.1	362	6	US-11-096-568A-24299	Sequence 24299, A
64	50	58.1	383	4	US-10-437-963-108162	Sequence 108162,

## SCORE Search Results Details for Application 10001938 and Search Result us-10-001-938-3.rapbn.

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This page gives you Search Results detail for the Application 10001938 and Search Result us-10-001-938-3.rapbn.

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GenCore version 5.1.9  
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OM protein - protein search, using sw model

Run on: June 2, 2006, 19:45:07 ; Search time 3.78947 Seconds  
(without alignments)  
48.831 Million cell updates/sec

Title: US-10-001-938-3  
Perfect score: 86  
Sequence: 1 QKRAAYDQYGHAAFEQ 16

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 58871 seqs, 11565156 residues

Total number of hits satisfying chosen parameters: 58871

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 1000 summaries

Database : Published Applications\_AA\_New:\*  
1: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US09\_NEW\_PUB.pep:\*  
2: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US06\_NEW\_PUB.pep:\*  
3: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US07\_NEW\_PUB.pep:\*  
4: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US08\_NEW\_PUB.pep:\*  
5: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/PCT\_NEW\_PUB.pep:\*  
6: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US10\_NEW\_PUB.pep:\*  
7: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US11\_NEW\_PUB.pep:\*  
8: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US60\_NEW\_PUB.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

### SUMMARIES

Result	% Query
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No.	Score	Match	Length	DB	ID	Description
1	86	100.0	16	6	US-10-490-949-4	Sequence 4, Appli
2	81	94.2	15	6	US-10-490-949-10	Sequence 10, Appl
3	72	83.7	15	6	US-10-490-949-11	Sequence 11, Appl
4	63	73.3	389	7	US-11-122-986-185	Sequence 185, App
5	63	73.3	389	7	US-11-122-986-187	Sequence 187, App
6	59	68.6	332	6	US-10-953-349-1407	Sequence 1407, Ap
7	59	68.6	367	6	US-10-953-349-1406	Sequence 1406, Ap
8	59	68.6	456	6	US-10-953-349-1405	Sequence 1405, Ap
9	54	62.8	15	6	US-10-490-949-1	Sequence 1, Appli
10	49	57.0	307	6	US-10-953-349-2183	Sequence 2183, Ap
11	49	57.0	335	6	US-10-953-349-2182	Sequence 2182, Ap
12	49	57.0	343	6	US-10-953-349-2181	Sequence 2181, Ap
13	48	55.8	141	6	US-10-953-349-10348	Sequence 10348, A
14	46	53.5	186	6	US-10-953-349-16110	Sequence 16110, A
15	46	53.5	419	6	US-10-953-349-1054	Sequence 1054, Ap
16	43	50.0	308	6	US-10-953-349-33811	Sequence 33811, A
17	43	50.0	336	6	US-10-953-349-33810	Sequence 33810, A
18	43	50.0	430	6	US-10-953-349-33809	Sequence 33809, A
19	42	48.8	339	6	US-10-953-349-12422	Sequence 12422, A
20	42	48.8	382	6	US-10-953-349-13710	Sequence 13710, A
21	42	48.8	420	6	US-10-953-349-13709	Sequence 13709, A
22	41	47.7	321	6	US-10-953-349-950	Sequence 950, App
23	41	47.7	323	6	US-10-953-349-949	Sequence 949, App
24	41	47.7	346	6	US-10-953-349-4235	Sequence 4235, Ap
25	41	47.7	349	6	US-10-953-349-948	Sequence 948, App
26	41	47.7	363	6	US-10-953-349-4234	Sequence 4234, Ap
27	41	47.7	380	6	US-10-953-349-7175	Sequence 7175, Ap
28	41	47.7	381	6	US-10-953-349-4233	Sequence 4233, Ap
29	41	47.7	391	6	US-10-953-349-7174	Sequence 7174, Ap
30	41	47.7	442	6	US-10-953-349-7173	Sequence 7173, Ap
31	40	46.5	417	6	US-10-953-349-16377	Sequence 16377, A
32	39	45.3	1386	7	US-11-314-018-6	Sequence 6, Appli
33	38	44.2	166	6	US-10-953-349-16554	Sequence 16554, A
34	38	44.2	221	6	US-10-953-349-16553	Sequence 16553, A
35	38	44.2	231	6	US-10-953-349-16552	Sequence 16552, A
36	36	41.9	74	6	US-10-953-349-14225	Sequence 14225, A
37	36	41.9	96	6	US-10-953-349-14224	Sequence 14224, A
38	36	41.9	270	6	US-10-953-349-29919	Sequence 29919, A
39	36	41.9	295	6	US-10-953-349-29918	Sequence 29918, A
40	36	41.9	341	6	US-10-953-349-29917	Sequence 29917, A
41	36	41.9	397	7	US-11-293-697-3837	Sequence 3837, Ap
42	36	41.9	426	7	US-11-293-697-4751	Sequence 4751, Ap
43	35	40.7	179	6	US-10-953-349-7415	Sequence 7415, Ap
44	35	40.7	189	6	US-10-953-349-9120	Sequence 9120, Ap
45	35	40.7	189	7	US-11-293-697-4556	Sequence 4556, Ap
46	35	40.7	192	6	US-10-953-349-9119	Sequence 9119, Ap
47	35	40.7	230	6	US-10-953-349-7414	Sequence 7414, Ap
48	35	40.7	248	6	US-10-953-349-9118	Sequence 9118, Ap
49	35	40.7	271	6	US-10-953-349-18081	Sequence 18081, A
50	35	40.7	273	6	US-10-953-349-18080	Sequence 18080, A
51	35	40.7	314	6	US-10-953-349-18079	Sequence 18079, A
52	35	40.7	357	6	US-10-953-349-2047	Sequence 2047, Ap
53	35	40.7	361	6	US-10-953-349-2046	Sequence 2046, Ap
54	35	40.7	731	7	US-11-293-697-3006	Sequence 3006, Ap
55	34	39.5	15	6	US-10-490-949-16	Sequence 16, Appl
56	34	39.5	15	6	US-10-490-949-17	Sequence 17, Appl
57	34	39.5	89	6	US-10-953-349-36746	Sequence 36746, A
58	34	39.5	174	6	US-10-953-349-15236	Sequence 15236, A
59	34	39.5	211	6	US-10-953-349-27572	Sequence 27572, A



# SCORE Search Results Details for Application 10001938 and Search Result us-10-001-938-4

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This page gives you Search Results detail for the Application 10001938 and Search Result us-10-001-938-4.rai.

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GenCore version 5.1.9  
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OM protein - protein search, using sw model

Run on: June 2, 2006, 19:08:52 ; Search time 11.4238 Seconds  
(without alignments)  
114.932 Million cell updates/sec

Title: US-10-001-938-4  
Perfect score: 90  
Sequence: 1 QGFFAVQQTCPHCQG 15

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 650591 seqs, 87530628 residues

Total number of hits satisfying chosen parameters: 650591

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 1000 summaries

Database : Issued\_Patents\_AA:\*  
1: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/5\_COMB.pep:\*  
2: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/6\_COMB.pep:\*  
3: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/7\_COMB.pep:\*  
4: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/H\_COMB.pep:\*  
5: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/PCTUS\_COMB.pep:\*  
6: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/RE\_COMB.pep:\*  
7: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/backfiles1.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	% Match	Query Length	DB ID	Description
1	90	100.0	380	2 US-09-489-039A-9011	Sequence 9011, Ap
2	90	100.0	399	2 US-09-553-498-2	Sequence 2, Appli

3	90	100.0	399	2	US-09-618-869-2	Sequence 2, Appli
4	74	82.2	381	2	US-09-252-991A-27174	Sequence 27174, A
5	73	81.1	376	3	US-10-375-010-22	Sequence 22, Appl
6	69	76.7	407	2	US-09-540-236-2899	Sequence 2899, Ap
7	65	72.2	380	2	US-09-543-681A-5912	Sequence 5912, Ap
8	64	71.1	375	2	US-09-328-352-4984	Sequence 4984, Ap
9	54	60.0	392	2	US-09-198-452A-48	Sequence 48, Appl
10	54	60.0	406	2	US-09-438-185A-34	Sequence 34, Appl
11	50	55.6	209	2	US-09-902-540-14118	Sequence 14118, A
12	45	50.0	858	2	US-09-960-428-7	Sequence 7, Appli
13	44	48.9	108	2	US-09-328-352-5857	Sequence 5857, Ap
14	44	48.9	125	2	US-09-328-352-7243	Sequence 7243, Ap
15	44	48.9	132	2	US-09-513-999C-6410	Sequence 6410, Ap
16	44	48.9	354	2	US-09-583-110-4854	Sequence 4854, Ap
17	44	48.9	364	2	US-09-107-433-4701	Sequence 4701, Ap
18	44	48.9	635	2	US-10-104-047-2128	Sequence 2128, Ap
19	44	48.9	1007	2	US-09-252-991A-28773	Sequence 28773, A
20	43	47.8	110	2	US-08-858-207A-273	Sequence 273, App
21	43	47.8	115	2	US-09-583-110-3398	Sequence 3398, Ap
22	43	47.8	120	2	US-09-107-433-3440	Sequence 3440, Ap
23	43	47.8	296	2	US-09-270-767-57017	Sequence 57017, A
24	43	47.8	369	2	US-09-270-767-41773	Sequence 41773, A
25	43	47.8	505	2	US-09-489-039A-12262	Sequence 12262, A
26	42	46.7	350	2	US-09-252-991A-27255	Sequence 27255, A
27	42	46.7	952	2	US-10-216-556A-2	Sequence 2, Appli
28	41	45.6	119	2	US-09-598-747-2	Sequence 2, Appli
29	41	45.6	186	2	US-09-248-796A-15844	Sequence 15844, A
30	41	45.6	1404	2	US-09-345-473E-24	Sequence 24, Appl
31	41	45.6	1404	2	US-09-862-027-24	Sequence 24, Appl
32	40	44.4	66	2	US-09-248-796A-27118	Sequence 27118, A
33	40	44.4	81	2	US-09-543-681A-6756	Sequence 6756, Ap
34	40	44.4	118	2	US-09-621-976-4089	Sequence 4089, Ap
35	40	44.4	288	2	US-09-949-016-7274	Sequence 7274, Ap
36	40	44.4	288	2	US-09-964-899-21	Sequence 21, Appl
37	40	44.4	373	2	US-09-710-279-890	Sequence 890, App
38	40	44.4	385	2	US-09-134-001C-3688	Sequence 3688, Ap
39	40	44.4	459	2	US-09-252-991A-32058	Sequence 32058, A
40	40	44.4	644	2	US-09-605-042A-38	Sequence 38, Appl
41	40	44.4	2789	2	US-09-949-016-8208	Sequence 8208, Ap
42	40	44.4	2871	2	US-09-538-092-1076	Sequence 1076, Ap
43	39	43.3	60	2	US-09-270-767-58063	Sequence 58063, A
44	39	43.3	164	2	US-10-094-749-2758	Sequence 2758, Ap
45	39	43.3	262	2	US-10-094-749-2390	Sequence 2390, Ap
46	39	43.3	283	2	US-10-104-047-2687	Sequence 2687, Ap
47	39	43.3	290	2	US-10-094-749-2565	Sequence 2565, Ap
48	39	43.3	303	2	US-09-248-796A-15837	Sequence 15837, A
49	39	43.3	462	2	US-09-489-039A-12291	Sequence 12291, A
50	39	43.3	508	2	US-09-134-001C-4570	Sequence 4570, Ap
51	39	43.3	510	1	US-08-220-677A-2	Sequence 2, Appli
52	39	43.3	512	2	US-09-107-532A-6559	Sequence 6559, Ap
53	39	43.3	522	2	US-09-252-991A-28463	Sequence 28463, A
54	39	43.3	523	2	US-09-328-352-6394	Sequence 6394, Ap
55	39	43.3	523	2	US-09-328-352-6395	Sequence 6395, Ap
56	39	43.3	524	2	US-09-540-236-2706	Sequence 2706, Ap
57	39	43.3	538	2	US-09-543-681A-4490	Sequence 4490, Ap
58	39	43.3	545	2	US-09-019-095A-38	Sequence 38, Appl
59	39	43.3	606	2	US-09-134-000C-4093	Sequence 4093, Ap
60	39	43.3	614	2	US-09-949-016-8536	Sequence 8536, Ap
61	39	43.3	640	2	US-09-605-042A-40	Sequence 40, Appl
62	39	43.3	673	2	US-10-104-047-2774	Sequence 2774, Ap
63	39	43.3	816	1	US-08-820-170A-37	Sequence 37, Appl

# SCORE Search Results Details for Application 10001938 and Search Result us-10-001-938-4.rapbn

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This page gives you Search Results detail for the Application 10001938 and Search Result us-10-001-938-4.rapbn

GenCore version 5.1.9  
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OM protein - protein search, using sw model

Run on: June 2, 2006, 19:29:53 ; Search time 75.9934 Seconds  
(without alignments)  
91.432 Million cell updates/sec

Title: US-10-001-938-4  
Perfect score: 90  
Sequence: 1 QGFFAVQQTCPHCQG 15

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 2097797 seqs, 463214858 residues

Total number of hits satisfying chosen parameters: 2097797

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 1000 summaries

Database : Published\_Applications\_AA\_Main:\*  
1: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US07\_PUBCOMB.pep:\*  
2: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US08\_PUBCOMB.pep:\*  
3: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US09\_PUBCOMB.pep:\*  
4: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US10A\_PUBCOMB.pep:\*  
5: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US10B\_PUBCOMB.pep:\*  
6: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US11\_PUBCOMB.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	% Match	Query Length	DB ID	Description
1	90	100.0	15	4	US-10-001-938-4 Sequence 4, Appli
2	90	100.0	340	3	US-09-764-868-1153 Sequence 1153, Ap
3	90	100.0	341	3	US-09-764-868-1152 Sequence 1152, Ap
4	90	100.0	376	4	US-10-369-493-689 Sequence 689, App

5	90	100.0	376	6	US-11-080-458-32	Sequence 32, Appl
6	90	100.0	832	5	US-10-450-763-59430	Sequence 59430, A
7	78	86.7	369	4	US-10-369-493-19646	Sequence 19646, A
8	74	82.2	374	4	US-10-369-493-13658	Sequence 13658, A
9	73	81.1	376	4	US-10-375-010-22	Sequence 22, Appl
10	73	81.1	376	6	US-11-232-406A-22	Sequence 22, Appl
11	72	80.0	379	4	US-10-369-493-7330	Sequence 7330, Ap
12	72	80.0	380	4	US-10-369-493-4573	Sequence 4573, Ap
13	71	78.9	376	4	US-10-369-493-12087	Sequence 12087, A
14	70	77.8	362	4	US-10-369-493-9305	Sequence 9305, Ap
15	69	76.7	378	4	US-10-369-493-8450	Sequence 8450, Ap
16	68	75.6	375	4	US-10-369-493-15859	Sequence 15859, A
17	68	75.6	376	4	US-10-369-493-15487	Sequence 15487, A
18	67	74.4	378	4	US-10-369-493-386	Sequence 386, App
19	67	74.4	378	4	US-10-369-493-21305	Sequence 21305, A
20	64	71.1	382	4	US-10-369-493-8065	Sequence 8065, Ap
21	61	67.8	385	4	US-10-369-493-16754	Sequence 16754, A
22	60	66.7	365	4	US-10-369-493-10648	Sequence 10648, A
23	57	63.3	384	4	US-10-369-493-21849	Sequence 21849, A
24	56	62.2	344	5	US-10-467-657-8284	Sequence 8284, Ap
25	54	60.0	392	4	US-10-289-762-48	Sequence 48, Appl
26	53	58.9	339	4	US-10-369-493-19527	Sequence 19527, A
27	53	58.9	376	4	US-10-369-493-47	Sequence 47, Appl
28	51	56.7	274	4	US-10-335-977-7665	Sequence 7665, Ap
29	51	56.7	275	4	US-10-335-977-7664	Sequence 7664, Ap
30	51	56.7	369	3	US-09-895-913A-180	Sequence 180, App
31	51	56.7	369	4	US-10-335-977-7666	Sequence 7666, Ap
32	50	55.6	666	6	US-11-098-686-11016	Sequence 11016, A
33	49	54.4	123	3	US-09-867-550-1492	Sequence 1492, Ap
34	49	54.4	275	4	US-10-158-057-230	Sequence 230, App
35	49	54.4	385	5	US-10-501-282-4398	Sequence 4398, Ap
36	47	52.2	97	4	US-10-437-963-199043	Sequence 199043,
37	47	52.2	140	4	US-10-424-599-151787	Sequence 151787,
38	47	52.2	198	5	US-10-204-921-70	Sequence 70, Appl
39	47	52.2	572	4	US-10-267-502-268	Sequence 268, App
40	46	51.1	107	4	US-10-453-468-4	Sequence 4, Appli
41	46	51.1	261	5	US-10-631-467-702	Sequence 702, App
42	46	51.1	374	6	US-11-087-099-5695	Sequence 5695, Ap
43	45	50.0	225	4	US-10-424-599-166583	Sequence 166583,
44	45	50.0	608	4	US-10-161-493-112	Sequence 112, App
45	45	50.0	769	4	US-10-437-963-129386	Sequence 129386,
46	45	50.0	858	3	US-09-960-428-7	Sequence 7, Appli
47	45	50.0	1437	5	US-10-684-141-44	Sequence 44, Appl
48	45	50.0	1437	5	US-10-810-486-44	Sequence 44, Appl
49	44	48.9	97	4	US-10-425-115-259098	Sequence 259098,
50	44	48.9	101	4	US-10-282-122A-44927	Sequence 44927, A
51	44	48.9	112	5	US-10-450-763-58103	Sequence 58103, A
52	44	48.9	226	3	US-09-971-361-11	Sequence 11, Appl
53	44	48.9	226	6	US-11-108-870-11	Sequence 11, Appl
54	44	48.9	298	6	US-11-097-143-21180	Sequence 21180, A
55	44	48.9	354	5	US-10-472-928-60	Sequence 60, Appl
56	44	48.9	364	5	US-10-617-320-4701	Sequence 4701, Ap
57	44	48.9	511	4	US-10-369-493-21871	Sequence 21871, A
58	44	48.9	513	6	US-11-097-143-11568	Sequence 11568, A
59	44	48.9	635	4	US-10-104-047-2128	Sequence 2128, Ap
60	44	48.9	635	6	US-11-072-512-2128	Sequence 2128, Ap
61	44	48.9	660	4	US-10-282-122A-47186	Sequence 47186, A
62	43	47.8	79	4	US-10-425-115-193883	Sequence 193883,
63	43	47.8	89	4	US-10-425-115-351689	Sequence 351689,
64	43	47.8	115	4	US-10-425-115-200172	Sequence 200172,
65	43	47.8	115	5	US-10-472-928-3058	Sequence 3058, Ap

# SCORE Search Results Details for Application 10001938 and Search Result us-10-001-938-4.rapbn.

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This page gives you Search Results detail for the Application 10001938 and Search Result us-10-001-938-4.rapbn.

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GenCore version 5.1.9  
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OM protein - protein search, using sw model

Run on: June 2, 2006, 19:30:30 ; Search time 3.57616 Seconds  
(without alignments)  
48.509 Million cell updates/sec

Title: US-10-001-938-4  
Perfect score: 90  
Sequence: 1 QGFFAVQQTCPHCQG 15

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 58871 seqs, 11565156 residues

Total number of hits satisfying chosen parameters: 58871

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 1000 summaries

Database : Published\_Applications\_AA\_New:\*

- 1: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US09\_NEW\_PUB.pep:\*
- 2: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US06\_NEW\_PUB.pep:\*
- 3: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US07\_NEW\_PUB.pep:\*
- 4: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US08\_NEW\_PUB.pep:\*
- 5: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/PCT\_NEW\_PUB.pep:\*
- 6: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US10\_NEW\_PUB.pep:\*
- 7: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US11\_NEW\_PUB.pep:\*
- 8: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US60\_NEW\_PUB.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result %  
Query



No.	Score	Match	Length	DB	ID	Description
1	90	100.0	15	6	US-10-490-949-5	Sequence 5, Appli
2	42	46.7	361	6	US-10-953-349-17037	Sequence 17037, A
3	42	46.7	375	6	US-10-953-349-17036	Sequence 17036, A
4	41	45.6	232	6	US-10-953-349-17867	Sequence 17867, A
5	41	45.6	244	6	US-10-953-349-17866	Sequence 17866, A
6	40	44.4	332	6	US-10-953-349-1407	Sequence 1407, Ap
7	40	44.4	360	6	US-10-953-349-38192	Sequence 38192, A
8	40	44.4	367	6	US-10-953-349-1406	Sequence 1406, Ap
9	40	44.4	451	6	US-10-953-349-38191	Sequence 38191, A
10	40	44.4	456	6	US-10-953-349-1405	Sequence 1405, Ap
11	39.5	43.9	225	7	US-11-293-697-4687	Sequence 4687, Ap
12	39	43.3	26	1	US-09-949-925-296	Sequence 296, App
13	39	43.3	79	1	US-09-949-925-294	Sequence 294, App
14	39	43.3	255	1	US-09-949-925-297	Sequence 297, App
15	39	43.3	457	6	US-10-953-349-13696	Sequence 13696, A
16	39	43.3	552	6	US-10-953-349-13695	Sequence 13695, A
17	39	43.3	577	7	US-11-293-697-3485	Sequence 3485, Ap
18	39	43.3	578	6	US-10-953-349-13694	Sequence 13694, A
19	39	43.3	724	7	US-11-293-697-3263	Sequence 3263, Ap
20	39	43.3	836	6	US-10-509-131-35	Sequence 35, Appl
21	39	43.3	836	7	US-11-293-697-3700	Sequence 3700, Ap
22	38	42.2	236	6	US-10-933-854-24	Sequence 24, Appl
23	38	42.2	691	6	US-10-511-937-2995	Sequence 2995, Ap
24	38	42.2	706	7	US-11-293-697-3919	Sequence 3919, Ap
25	37	41.1	256	6	US-10-623-808-6	Sequence 6, Appli
26	37	41.1	286	6	US-10-953-349-16858	Sequence 16858, A
27	37	41.1	302	6	US-10-953-349-16857	Sequence 16857, A
28	37	41.1	308	6	US-10-953-349-16856	Sequence 16856, A
29	37	41.1	338	6	US-10-953-349-13711	Sequence 13711, A
30	37	41.1	339	6	US-10-953-349-19392	Sequence 19392, A
31	37	41.1	382	6	US-10-953-349-13710	Sequence 13710, A
32	37	41.1	420	6	US-10-953-349-13709	Sequence 13709, A
33	37	41.1	442	6	US-10-953-349-19391	Sequence 19391, A
34	36.5	40.6	97	6	US-10-953-349-16420	Sequence 16420, A
35	36.5	40.6	190	7	US-11-293-697-3234	Sequence 3234, Ap
36	36	40.0	84	7	US-11-328-747-5	Sequence 5, Appli
37	36	40.0	97	6	US-10-953-349-34432	Sequence 34432, A
38	36	40.0	211	6	US-10-953-349-38932	Sequence 38932, A
39	36	40.0	214	6	US-10-953-349-9238	Sequence 9238, Ap
40	36	40.0	215	6	US-10-953-349-9237	Sequence 9237, Ap
41	36	40.0	306	7	US-11-249-111-110	Sequence 110, App
42	36	40.0	318	6	US-10-953-349-12208	Sequence 12208, A
43	36	40.0	320	6	US-10-953-349-20561	Sequence 20561, A
44	36	40.0	324	6	US-10-953-349-12207	Sequence 12207, A
45	36	40.0	326	6	US-10-953-349-20560	Sequence 20560, A
46	36	40.0	362	7	US-11-293-697-2645	Sequence 2645, Ap
47	36	40.0	481	7	US-11-293-697-4458	Sequence 4458, Ap
48	36	40.0	549	7	US-11-293-697-4179	Sequence 4179, Ap
49	36	40.0	1912	6	US-10-511-937-2561	Sequence 2561, Ap
50	35.5	39.4	452	7	US-11-326-489-5	Sequence 5, Appli
51	35	38.9	177	7	US-11-311-555-6	Sequence 6, Appli
52	35	38.9	177	7	US-11-311-561-6	Sequence 6, Appli
53	35	38.9	177	7	US-11-101-316-156	Sequence 156, App
54	35	38.9	195	6	US-10-953-349-38933	Sequence 38933, A
55	35	38.9	253	6	US-10-953-349-19102	Sequence 19102, A
56	35	38.9	350	7	US-11-101-316-8	Sequence 8, Appli
57	35	38.9	561	6	US-10-505-928-163	Sequence 163, App
58	35	38.9	750	6	US-10-953-349-427	Sequence 427, App
59	35	38.9	757	6	US-10-953-349-426	Sequence 426, App

# SCORE Search Results Details for Application 10001938 and Search Result us-10-001-938-5

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This page gives you Search Results detail for the Application 10001938 and Search Result us-10-001-938-5.rai.

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GenCore version 5.1.9  
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OM protein - protein search, using sw model

Run on: June 2, 2006, 19:12:07 ; Search time 12.7 Seconds  
(without alignments)  
103.383 Million cell updates/sec

Title: US-10-001-938-5  
Perfect score: 73  
Sequence: 1 SKTLSVKIPGAVDTG 15

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 650591 seqs, 87530628 residues

Total number of hits satisfying chosen parameters: 650591

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 1000 summaries

Database : Issued\_Patents\_AA:\*  
1: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/5\_COMB.pep:\*  
2: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/6\_COMB.pep:\*  
3: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/7\_COMB.pep:\*  
4: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/H\_COMB.pep:\*  
5: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/PCTUS\_COMB.pep:\*  
6: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/RE\_COMB.pep:\*  
7: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/backfiles1.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	% Match	Query Length	DB ID	Description
1	63	86.3	399	2 US-09-553-498-2	Sequence 2, Appli
2	63	86.3	399	2 US-09-618-869-2	Sequence 2, Appli

3	60	82.2	380	2	US-09-489-039A-9011	Sequence 9011, Ap
4	59	80.8	380	2	US-09-543-681A-5912	Sequence 5912, Ap
5	58	79.5	381	2	US-09-252-991A-27174	Sequence 27174, A
6	51	69.9	376	3	US-10-375-010-22	Sequence 22, Appl
7	43	58.9	254	2	US-09-248-796A-17877	Sequence 17877, A
8	41	56.2	170	2	US-09-270-767-43106	Sequence 43106, A
9	41	56.2	308	2	US-09-489-039A-8590	Sequence 8590, Ap
10	41	56.2	320	2	US-09-543-681A-7884	Sequence 7884, Ap
11	40	54.8	375	2	US-09-328-352-4984	Sequence 4984, Ap
12	40	54.8	407	2	US-09-540-236-2899	Sequence 2899, Ap
13	39	53.4	62	2	US-09-489-039A-11677	Sequence 11677, A
14	39	53.4	209	2	US-09-902-540-14118	Sequence 14118, A
15	39	53.4	391	2	US-09-902-540-11110	Sequence 11110, A
16	39	53.4	595	2	US-09-248-796A-16455	Sequence 16455, A
17	38	52.1	206	2	US-09-270-767-32859	Sequence 32859, A
18	38	52.1	217	2	US-09-489-039A-7245	Sequence 7245, Ap
19	38	52.1	309	2	US-09-489-039A-10229	Sequence 10229, A
20	38	52.1	352	1	US-08-472-534-6	Sequence 6, Appli
21	38	52.1	364	1	US-08-570-311-26	Sequence 26, Appl
22	38	52.1	378	2	US-09-583-110-4647	Sequence 4647, Ap
23	38	52.1	379	2	US-09-107-433-3487	Sequence 3487, Ap
24	38	52.1	905	2	US-09-248-796A-15706	Sequence 15706, A
25	38	52.1	942	1	US-08-141-324-14	Sequence 14, Appl
26	38	52.1	942	1	US-08-541-902-14	Sequence 14, Appl
27	38	52.1	1732	1	US-08-570-311-10	Sequence 10, Appl
28	38	52.1	1732	1	US-08-353-485-10	Sequence 10, Appl
29	38	52.1	1732	2	US-09-066-330-11	Sequence 11, Appl
30	37	50.7	233	1	US-08-221-750A-7	Sequence 7, Appli
31	37	50.7	266	2	US-09-252-991A-29750	Sequence 29750, A
32	37	50.7	320	2	US-09-328-352-7937	Sequence 7937, Ap
33	37	50.7	340	2	US-09-107-532A-7298	Sequence 7298, Ap
34	37	50.7	395	2	US-09-712-363-164	Sequence 164, App
35	37	50.7	493	2	US-09-613-303-19	Sequence 19, Appl
36	37	50.7	493	2	US-10-267-311-19	Sequence 19, Appl
37	37	50.7	606	2	US-09-248-796A-17830	Sequence 17830, A
38	37	50.7	903	2	US-09-270-767-46470	Sequence 46470, A
39	36.5	50.0	397	2	US-09-902-540-12830	Sequence 12830, A
40	36	49.3	128	2	US-08-858-207A-314	Sequence 314, App
41	36	49.3	154	2	US-09-248-796A-20059	Sequence 20059, A
42	36	49.3	223	2	US-10-036-041-61	Sequence 61, Appl
43	36	49.3	227	2	US-09-208-718-3	Sequence 3, Appli
44	36	49.3	227	2	US-09-621-976-8	Sequence 8, Appli
45	36	49.3	227	2	US-09-513-999C-8	Sequence 8, Appli
46	36	49.3	227	2	US-09-471-276-8	Sequence 8, Appli
47	36	49.3	273	2	US-09-198-452A-767	Sequence 767, App
48	36	49.3	273	2	US-09-438-185A-723	Sequence 723, App
49	36	49.3	360	2	US-09-543-681A-4783	Sequence 4783, Ap
50	36	49.3	395	2	US-09-603-208A-28	Sequence 28, Appl
51	36	49.3	485	2	US-09-902-540-9878	Sequence 9878, Ap
52	36	49.3	664	2	US-09-489-039A-14017	Sequence 14017, A
53	35	47.9	18	1	US-08-468-674B-8	Sequence 8, Appli
54	35	47.9	18	1	US-08-780-571-8	Sequence 8, Appli
55	35	47.9	18	2	US-09-324-217B-10	Sequence 10, Appl
56	35	47.9	108	2	US-09-187-859-43	Sequence 43, Appl
57	35	47.9	108	2	US-09-839-542B-43	Sequence 43, Appl
58	35	47.9	108	2	US-09-535-852-43	Sequence 43, Appl
59	35	47.9	108	2	US-10-006-869-43	Sequence 43, Appl
60	35	47.9	188	2	US-09-902-540-14832	Sequence 14832, A
61	35	47.9	271	2	US-09-248-796A-16496	Sequence 16496, A
62	35	47.9	310	2	US-09-614-912-202	Sequence 202, App
63	35	47.9	344	2	US-09-489-039A-14341	Sequence 14341, A

# SCORE Search Results Details for Application 10001938 and Search Result us-10-001-938-5.ra

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This page gives you Search Results detail for the Application 10001938 and Search Result us-10-001-938-5.ra.

[start](#)

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GenCore version 5.1.9  
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OM protein - protein search, using sw model

Run on: June 2, 2006, 19:45:16 ; Search time 63.4 Seconds  
(without alignments)  
109.593 Million cell updates/sec

Title: US-10-001-938-5  
Perfect score: 73  
Sequence: 1 SKTLSVKIPGAVDTG 15

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 2097797 seqs, 463214858 residues

Total number of hits satisfying chosen parameters: 2097797

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 1000 summaries

Database : Published\_Applications\_AA\_Main:\*  
1: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US07\_PUBCOMB.pep:\*  
2: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US08\_PUBCOMB.pep:\*  
3: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US09\_PUBCOMB.pep:\*  
4: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US10A\_PUBCOMB.pep:\*  
5: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US10B\_PUBCOMB.pep:\*  
6: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US11\_PUBCOMB.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	% Match	Query Length	DB ID	Description
1	73	100.0	15	4	US-10-001-938-5
2	63	86.3	340	3	US-09-764-868-1153
3	63	86.3	341	3	US-09-764-868-1152

4	63	86.3	376	4	US-10-369-493-689	Sequence 689, App
5	63	86.3	376	6	US-11-080-458-32	Sequence 32, Appl
6	63	86.3	832	5	US-10-450-763-59430	Sequence 59430, A
7	59	80.8	378	4	US-10-369-493-386	Sequence 386, App
8	59	80.8	378	4	US-10-369-493-21305	Sequence 21305, A
9	58	79.5	374	4	US-10-369-493-13658	Sequence 13658, A
10	54	74.0	362	4	US-10-369-493-9305	Sequence 9305, Ap
11	52	71.2	375	4	US-10-369-493-15859	Sequence 15859, A
12	52	71.2	376	4	US-10-369-493-15487	Sequence 15487, A
13	51	69.9	376	4	US-10-375-010-22	Sequence 22, Appl
14	51	69.9	376	6	US-11-232-406A-22	Sequence 22, Appl
15	50	68.5	288	4	US-10-369-493-8874	Sequence 8874, Ap
16	50	68.5	369	4	US-10-369-493-19646	Sequence 19646, A
17	49	67.1	379	4	US-10-369-493-7330	Sequence 7330, Ap
18	49	67.1	380	4	US-10-369-493-4573	Sequence 4573, Ap
19	48	65.8	378	4	US-10-156-761-13102	Sequence 13102, A
20	48	65.8	378	4	US-10-369-493-8450	Sequence 8450, Ap
21	47	64.4	384	4	US-10-369-493-21849	Sequence 21849, A
22	47	64.4	461	4	US-10-424-599-254411	Sequence 254411,
23	45	61.6	306	4	US-10-282-122A-73201	Sequence 73201, A
24	45	61.6	306	4	US-10-282-122A-76109	Sequence 76109, A
25	45	61.6	343	5	US-10-972-024-277	Sequence 277, App
26	44	60.3	306	4	US-10-369-493-790	Sequence 790, App
27	44	60.3	306	4	US-10-282-122A-42884	Sequence 42884, A
28	44	60.3	374	4	US-10-424-599-253712	Sequence 253712,
29	44	60.3	448	4	US-10-425-115-195339	Sequence 195339,
30	44	60.3	478	4	US-10-425-114-65215	Sequence 65215, A
31	43	58.9	305	4	US-10-369-493-13684	Sequence 13684, A
32	43	58.9	376	4	US-10-369-493-1212	Sequence 1212, Ap
33	43	58.9	382	4	US-10-369-493-8065	Sequence 8065, Ap
34	42	57.5	319	4	US-10-282-122A-69287	Sequence 69287, A
35	42	57.5	350	4	US-10-369-493-21024	Sequence 21024, A
36	42	57.5	401	4	US-10-369-493-3465	Sequence 3465, Ap
37	42	57.5	597	4	US-10-425-114-55831	Sequence 55831, A
38	42	57.5	665	4	US-10-425-115-323605	Sequence 323605,
39	42	57.5	852	4	US-10-369-493-1645	Sequence 1645, Ap
40	41	56.2	53	4	US-10-016-157A-229	Sequence 229, App
41	41	56.2	53	6	US-11-042-241-229	Sequence 229, App
42	41	56.2	147	4	US-10-425-115-267989	Sequence 267989,
43	41	56.2	305	4	US-10-282-122A-59632	Sequence 59632, A
44	41	56.2	314	4	US-10-282-122A-69193	Sequence 69193, A
45	41	56.2	319	4	US-10-282-122A-68006	Sequence 68006, A
46	41	56.2	385	4	US-10-369-493-16754	Sequence 16754, A
47	41	56.2	423	4	US-10-369-493-12619	Sequence 12619, A
48	41	56.2	683	5	US-10-473-127-511	Sequence 511, App
49	41	56.2	683	5	US-10-473-127-512	Sequence 512, App
50	41	56.2	683	5	US-10-473-127-513	Sequence 513, App
51	41	56.2	683	5	US-10-473-127-514	Sequence 514, App
52	41	56.2	683	5	US-10-473-127-515	Sequence 515, App
53	41	56.2	683	5	US-10-473-127-516	Sequence 516, App
54	41	56.2	683	6	US-11-009-554-9	Sequence 9, Appli
55	41	56.2	905	4	US-10-451-467A-64	Sequence 64, Appl
56	41	56.2	913	6	US-11-097-143-4134	Sequence 4134, Ap
57	41	56.2	8943	5	US-10-745-237-190	Sequence 190, App
58	40	54.8	125	4	US-10-156-761-11979	Sequence 11979, A
59	40	54.8	228	4	US-10-437-963-189989	Sequence 189989,
60	40	54.8	296	4	US-10-282-122A-61258	Sequence 61258, A
61	40	54.8	312	4	US-10-282-122A-50995	Sequence 50995, A
62	40	54.8	344	5	US-10-467-657-8284	Sequence 8284, Ap
63	40	54.8	674	4	US-10-369-493-12648	Sequence 12648, A
64	39.5	54.1	751	3	US-09-795-693-14	Sequence 14, Appl



# SCORE Search Results Details for Application 10001938 and Search Result us-10-001-938-5.rapbn.

<a href="#">Score Home Page</a>	<a href="#">Retrieve Application List</a>	<a href="#">SCORE System Overview</a>	<a href="#">SCORE FAQ</a>	<a href="#">Comments / Suggestions</a>
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This page gives you Search Results detail for the Application 10001938 and Search Result us-10-001-938-5.rapbn.

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GenCore version 5.1.9  
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OM protein - protein search, using sw model

Run on: June 2, 2006, 19:44:08 ; Search time 3.1 Seconds  
(without alignments)  
55.960 Million cell updates/sec

Title: US-10-001-938-5  
Perfect score: 73  
Sequence: 1 SKTLSVKIPGAVDTG 15

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 58871 seqs, 11565156 residues

Total number of hits satisfying chosen parameters: 58871

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 1000 summaries

Database : Published Applications\_AA\_New:\*  
1: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US09\_NEW\_PUB.pep:\*  
2: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US06\_NEW\_PUB.pep:\*  
3: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US07\_NEW\_PUB.pep:\*  
4: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US08\_NEW\_PUB.pep:\*  
5: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/PCT\_NEW\_PUB.pep:\*  
6: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US10\_NEW\_PUB.pep:\*  
7: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US11\_NEW\_PUB.pep:\*  
8: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US60\_NEW\_PUB.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result	% Query
--------	---------

No.	Score	Match	Length	DB	ID	Description
1	73	100.0	15	6	US-10-490-949-6	Sequence 6, Appli
2	44	60.3	202	6	US-10-953-349-11146	Sequence 11146, A
3	44	60.3	219	6	US-10-953-349-11145	Sequence 11145, A
4	44	60.3	222	6	US-10-953-349-11144	Sequence 11144, A
5	44	60.3	380	6	US-10-953-349-7175	Sequence 7175, Ap
6	44	60.3	391	6	US-10-953-349-7174	Sequence 7174, Ap
7	44	60.3	442	6	US-10-953-349-7173	Sequence 7173, Ap
8	38	52.1	354	6	US-10-953-349-4966	Sequence 4966, Ap
9	38	52.1	432	6	US-10-953-349-4965	Sequence 4965, Ap
10	38	52.1	502	6	US-10-953-349-4964	Sequence 4964, Ap
11	35	47.9	371	6	US-10-953-349-10961	Sequence 10961, A
12	35	47.9	457	6	US-10-953-349-10960	Sequence 10960, A
13	35	47.9	490	6	US-10-953-349-10959	Sequence 10959, A
14	35	47.9	5738	6	US-10-505-928-150	Sequence 150, App
15	34	46.6	118	7	US-11-293-697-2755	Sequence 2755, Ap
16	34	46.6	209	6	US-10-953-349-29859	Sequence 29859, A
17	34	46.6	267	6	US-10-953-349-29858	Sequence 29858, A
18	34	46.6	293	6	US-10-953-349-29857	Sequence 29857, A
19	34	46.6	545	7	US-11-293-697-2487	Sequence 2487, Ap
20	33	45.2	188	6	US-10-953-349-16041	Sequence 16041, A
21	33	45.2	273	6	US-10-953-349-34506	Sequence 34506, A
22	33	45.2	285	6	US-10-953-349-13230	Sequence 13230, A
23	33	45.2	297	6	US-10-953-349-16040	Sequence 16040, A
24	33	45.2	300	6	US-10-953-349-16039	Sequence 16039, A
25	33	45.2	303	6	US-10-953-349-34505	Sequence 34505, A
26	33	45.2	315	6	US-10-953-349-4747	Sequence 4747, Ap
27	33	45.2	319	6	US-10-953-349-5745	Sequence 5745, Ap
28	33	45.2	335	6	US-10-953-349-13229	Sequence 13229, A
29	33	45.2	341	6	US-10-953-349-5744	Sequence 5744, Ap
30	33	45.2	347	6	US-10-953-349-13228	Sequence 13228, A
31	33	45.2	391	6	US-10-953-349-5743	Sequence 5743, Ap
32	33	45.2	428	6	US-10-196-749-514	Sequence 514, App
33	33	45.2	436	6	US-10-953-349-4746	Sequence 4746, Ap
34	33	45.2	465	6	US-10-953-349-4745	Sequence 4745, Ap
35	33	45.2	534	7	US-11-121-154-135	Sequence 135, App
36	32	43.8	134	6	US-10-953-349-15674	Sequence 15674, A
37	32	43.8	154	6	US-10-953-349-13884	Sequence 13884, A
38	32	43.8	215	6	US-10-953-349-13402	Sequence 13402, A
39	32	43.8	260	6	US-10-953-349-13883	Sequence 13883, A
40	32	43.8	290	6	US-10-953-349-5422	Sequence 5422, Ap
41	32	43.8	298	7	US-11-293-697-2712	Sequence 2712, Ap
42	32	43.8	312	7	US-11-140-450-81	Sequence 81, Appl
43	32	43.8	320	6	US-10-953-349-16365	Sequence 16365, A
44	32	43.8	363	6	US-10-953-349-16364	Sequence 16364, A
45	32	43.8	384	6	US-10-953-349-16363	Sequence 16363, A
46	32	43.8	426	6	US-10-953-349-5421	Sequence 5421, Ap
47	32	43.8	513	6	US-10-953-349-32711	Sequence 32711, A
48	32	43.8	529	7	US-11-223-945-34	Sequence 34, Appl
49	32	43.8	531	6	US-10-953-349-5420	Sequence 5420, Ap
50	32	43.8	548	6	US-10-953-349-32710	Sequence 32710, A
51	32	43.8	576	6	US-10-953-349-32301	Sequence 32301, A
52	32	43.8	613	6	US-10-953-349-32709	Sequence 32709, A
53	32	43.8	648	7	US-11-024-544A-8	Sequence 8, Appli
54	32	43.8	648	7	US-11-190-750-60	Sequence 60, Appl
55	32	43.8	648	7	US-11-264-784-77	Sequence 77, Appl
56	32	43.8	648	7	US-11-264-737-118	Sequence 118, App
57	32	43.8	689	6	US-10-953-349-32300	Sequence 32300, A
58	32	43.8	695	7	US-11-258-767-26	Sequence 26, Appl
59	32	43.8	745	6	US-10-953-349-32299	Sequence 32299, A

# SCORE Search Results Details for Application 10001938 and Search Result us-10-001-938-6.

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This page gives you Search Results detail for the Application 10001938 and Search Result us-10-001-938-6.rai.

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OM protein - protein search, using sw model

Run on: June 2, 2006, 19:12:07 ; Search time 12.7 Seconds  
(without alignments)  
103.383 Million cell updates/sec

Title: US-10-001-938-6  
Perfect score: 80  
Sequence: 1 GDLYVQVQVKQHPIF 15

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 650591 seqs, 87530628 residues

Total number of hits satisfying chosen parameters: 650591

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 1000 summaries

Database : Issued\_Patents\_AA:\*  
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2: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/6\_COMB.pep:\*  
3: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/7\_COMB.pep:\*  
4: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/H\_COMB.pep:\*  
5: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/PCTUS\_COMB.pep:\*  
6: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/RE\_COMB.pep:\*  
7: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/backfiles1.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	% Match	Query Length	DB	ID	Description
1	80	100.0	399	2	US-09-553-498-2	Sequence 2, Appli
2	80	100.0	399	2	US-09-618-869-2	Sequence 2, Appli

3	72	90.0	380	2	US-09-489-039A-9011	Sequence 9011, Ap
4	63	78.8	380	2	US-09-543-681A-5912	Sequence 5912, Ap
5	62	77.5	376	3	US-10-375-010-22	Sequence 22, Appl
6	62	77.5	381	2	US-09-252-991A-27174	Sequence 27174, A
7	61	76.2	209	2	US-09-902-540-14118	Sequence 14118, A
8	59	73.8	407	2	US-09-540-236-2899	Sequence 2899, Ap
9	56	70.0	375	2	US-09-328-352-4984	Sequence 4984, Ap
10	56	70.0	392	2	US-09-198-452A-48	Sequence 48, Appl
11	56	70.0	406	2	US-09-438-185A-34	Sequence 34, Appl
12	54	67.5	382	2	US-09-603-208A-40	Sequence 40, Appl
13	52	65.0	391	2	US-09-902-540-11110	Sequence 11110, A
14	46	57.5	121	2	US-09-717-321A-29	Sequence 29, Appl
15	46	57.5	320	2	US-09-543-681A-7884	Sequence 7884, Ap
16	46	57.5	358	1	US-08-868-288A-1	Sequence 1, Appli
17	46	57.5	358	2	US-09-235-373-1	Sequence 1, Appli
18	46	57.5	358	2	US-09-388-993-1	Sequence 1, Appli
19	46	57.5	358	2	US-09-991-181-148	Sequence 148, App
20	46	57.5	358	2	US-09-501-714-1	Sequence 1, Appli
21	46	57.5	358	2	US-09-990-444-148	Sequence 148, App
22	46	57.5	358	2	US-09-997-333-148	Sequence 148, App
23	46	57.5	358	2	US-09-992-598-148	Sequence 148, App
24	46	57.5	358	2	US-09-989-735-148	Sequence 148, App
25	46	57.5	358	3	US-09-989-726-148	Sequence 148, App
26	46	57.5	358	3	US-09-997-514-148	Sequence 148, App
27	46	57.5	358	3	US-09-989-728-148	Sequence 148, App
28	46	57.5	358	3	US-09-997-349-148	Sequence 148, App
29	46	57.5	358	3	US-09-997-653-148	Sequence 148, App
30	46	57.5	358	3	US-09-989-293A-148	Sequence 148, App
31	45	56.2	368	2	US-09-861-451A-2	Sequence 2, Appli
32	45	56.2	395	2	US-09-603-208A-28	Sequence 28, Appl
33	44	55.0	286	2	US-09-902-540-11710	Sequence 11710, A
34	44	55.0	308	2	US-09-489-039A-8590	Sequence 8590, Ap
35	43	53.8	324	2	US-09-248-796A-15091	Sequence 15091, A
36	43	53.8	395	2	US-09-712-363-164	Sequence 164, App
37	43	53.8	493	2	US-09-613-303-19	Sequence 19, Appl
38	43	53.8	493	2	US-10-267-311-19	Sequence 19, Appl
39	41	51.2	286	2	US-09-902-540-11427	Sequence 11427, A
40	40.5	50.6	450	2	US-09-857-524B-8	Sequence 8, Appli
41	40	50.0	180	2	US-09-936-588-45	Sequence 45, Appl
42	40	50.0	288	2	US-09-107-532A-7120	Sequence 7120, Ap
43	40	50.0	320	2	US-09-328-352-7937	Sequence 7937, Ap
44	40	50.0	505	2	US-09-902-540-12326	Sequence 12326, A
45	40	50.0	579	2	US-09-489-039A-12334	Sequence 12334, A
46	40	50.0	608	2	US-09-310-275-2	Sequence 2, Appli
47	40	50.0	608	2	US-09-082-077-5	Sequence 5, Appli
48	40	50.0	608	2	US-09-925-637-70	Sequence 70, Appl
49	39.5	49.4	680	2	US-09-248-796A-15089	Sequence 15089, A
50	39	48.8	65	2	US-09-910-009A-357	Sequence 357, App
51	38.5	48.1	446	1	US-08-833-610-5	Sequence 5, Appli
52	38.5	48.1	446	2	US-08-834-033A-15	Sequence 15, Appl
53	38.5	48.1	446	2	US-09-377-452-5	Sequence 5, Appli
54	38.5	48.1	447	2	US-09-555-093-7	Sequence 7, Appli
55	38.5	48.1	448	1	US-08-366-779-5	Sequence 5, Appli
56	38.5	48.1	448	1	US-08-789-936-5	Sequence 5, Appli
57	38.5	48.1	448	2	US-08-934-254-5	Sequence 5, Appli
58	38.5	48.1	448	2	US-09-685-775-5	Sequence 5, Appli
59	38.5	48.1	448	2	US-09-857-583B-15	Sequence 15, Appl
60	38.5	48.1	448	2	US-09-857-524B-11	Sequence 11, Appl
61	38	47.5	67	2	US-09-910-009A-271	Sequence 271, App
62	38	47.5	129	2	US-09-621-976-4541	Sequence 4541, Ap
63	38	47.5	244	2	US-09-134-000C-4358	Sequence 4358, Ap

# SCORE Search Results Details for Application 10001938 and Search Result us-10-001-938-6.ra

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This page gives you Search Results detail for the Application 10001938 and Search Result us-10-001-938-6.ra.

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OM protein - protein search, using sw model

Run on: June 2, 2006, 19:45:16 ; Search time 63.4 Seconds  
(without alignments)  
109.593 Million cell updates/sec

Title: US-10-001-938-6  
Perfect score: 80  
Sequence: 1 GDLYVQVQVKQHPIF 15

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 2097797 seqs, 463214858 residues

Total number of hits satisfying chosen parameters: 2097797

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 1000 summaries

Database : Published\_Applications\_AA\_Main:\*  
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3: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US09\_PUBCOMB.pep:\*  
4: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US10A\_PUBCOMB.pep:\*  
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6: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US11\_PUBCOMB.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	% Match	Query Length	DB ID	Description
1	80	100.0	15	4	US-10-001-938-6 Sequence 6, Appli
2	80	100.0	341	3	US-09-764-868-1152 Sequence 1152, Ap
3	80	100.0	376	4	US-10-369-493-689 Sequence 689, App



4	80	100.0	376	6	US-11-080-458-32	Sequence 32, Appl
5	74	92.5	340	3	US-09-764-868-1153	Sequence 1153, Ap
6	70	87.5	378	4	US-10-369-493-8450	Sequence 8450, Ap
7	67	83.8	362	4	US-10-369-493-9305	Sequence 9305, Ap
8	65	81.2	161	5	US-10-450-763-55085	Sequence 55085, A
9	65	81.2	378	4	US-10-369-493-386	Sequence 386, App
10	65	81.2	378	4	US-10-369-493-21305	Sequence 21305, A
11	62	77.5	376	4	US-10-375-010-22	Sequence 22, Appl
12	62	77.5	376	6	US-11-232-406A-22	Sequence 22, Appl
13	61	76.2	379	4	US-10-369-493-7330	Sequence 7330, Ap
14	61	76.2	380	4	US-10-369-493-4573	Sequence 4573, Ap
15	60	75.0	364	4	US-10-369-493-134	Sequence 134, App
16	59	73.8	375	4	US-10-369-493-15859	Sequence 15859, A
17	59	73.8	376	4	US-10-369-493-15487	Sequence 15487, A
18	58	72.5	296	4	US-10-282-122A-61258	Sequence 61258, A
19	56	70.0	392	4	US-10-289-762-48	Sequence 48, Appl
20	55	68.8	396	4	US-10-156-761-12020	Sequence 12020, A
21	54	67.5	330	4	US-10-369-493-19832	Sequence 19832, A
22	54	67.5	331	4	US-10-369-493-18770	Sequence 18770, A
23	54	67.5	376	4	US-10-369-493-1212	Sequence 1212, Ap
24	54	67.5	382	3	US-09-738-626-6012	Sequence 6012, Ap
25	54	67.5	382	5	US-10-703-799B-40	Sequence 40, Appl
26	53	66.2	236	4	US-10-424-599-282285	Sequence 282285,
27	53	66.2	367	4	US-10-369-493-8095	Sequence 8095, Ap
28	53	66.2	374	4	US-10-369-493-13658	Sequence 13658, A
29	53	66.2	376	4	US-10-369-493-47	Sequence 47, Appl
30	53	66.2	384	4	US-10-369-493-21849	Sequence 21849, A
31	53	66.2	458	4	US-10-424-599-282290	Sequence 282290,
32	52	65.0	214	4	US-10-425-114-61777	Sequence 61777, A
33	52	65.0	239	6	US-11-096-568A-18418	Sequence 18418, A
34	52	65.0	266	6	US-11-096-568A-18417	Sequence 18417, A
35	52	65.0	344	5	US-10-467-657-8284	Sequence 8284, Ap
36	52	65.0	368	4	US-10-369-493-19421	Sequence 19421, A
37	52	65.0	419	4	US-10-437-963-201815	Sequence 201815,
38	52	65.0	429	4	US-10-425-115-209640	Sequence 209640,
39	52	65.0	429	6	US-11-096-568A-18416	Sequence 18416, A
40	51	63.7	168	4	US-10-767-701-39210	Sequence 39210, A
41	51	63.7	307	4	US-10-369-493-2647	Sequence 2647, Ap
42	51	63.7	317	4	US-10-156-761-14768	Sequence 14768, A
43	51	63.7	369	4	US-10-369-493-19646	Sequence 19646, A
44	51	63.7	382	4	US-10-369-493-8065	Sequence 8065, Ap
45	51	63.7	442	4	US-10-437-963-196211	Sequence 196211,
46	50	62.5	308	4	US-10-369-493-19014	Sequence 19014, A
47	50	62.5	332	4	US-10-369-493-2834	Sequence 2834, Ap
48	49	61.3	312	4	US-10-282-122A-50995	Sequence 50995, A
49	49	61.3	418	4	US-10-425-115-271144	Sequence 271144,
50	49	61.3	528	4	US-10-369-493-22651	Sequence 22651, A
51	48	60.0	350	4	US-10-369-493-21024	Sequence 21024, A
52	48	60.0	420	4	US-10-369-493-591	Sequence 591, App
53	47	58.8	310	4	US-10-369-493-4694	Sequence 4694, Ap
54	47	58.8	322	4	US-10-369-493-20073	Sequence 20073, A
55	47	58.8	329	4	US-10-282-122A-49700	Sequence 49700, A
56	47	58.8	358	4	US-10-369-493-9641	Sequence 9641, Ap
57	47	58.8	391	4	US-10-369-493-18560	Sequence 18560, A
58	46	57.5	61	4	US-10-424-599-255229	Sequence 255229,
59	46	57.5	289	4	US-10-458-143-20	Sequence 20, Appl
60	46	57.5	314	4	US-10-282-122A-69193	Sequence 69193, A
61	46	57.5	319	4	US-10-282-122A-69287	Sequence 69287, A
62	46	57.5	358	3	US-09-989-722-148	Sequence 148, App
63	46	57.5	358	3	US-09-989-723-148	Sequence 148, App
64	46	57.5	358	3	US-09-989-279-148	Sequence 148, App

# SCORE Search Results Details for Application 10001938 and Search Result us-10-001-938-6.rapbn.

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GenCore version 5.1.9  
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OM protein - protein search, using sw model

Run on: June 2, 2006, 19:44:08 ; Search time 3.1 Seconds  
(without alignments)  
55.960 Million cell updates/sec

Title: US-10-001-938-6  
Perfect score: 80  
Sequence: 1 GDLYVQVQVKQHPHF 15

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 58871 seqs, 11565156 residues

Total number of hits satisfying chosen parameters: 58871

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 1000 summaries

Database : Published Applications\_AA\_New:\*  
1: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US09\_NEW\_PUB.pep:\*  
2: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US06\_NEW\_PUB.pep:\*  
3: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US07\_NEW\_PUB.pep:\*  
4: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US08\_NEW\_PUB.pep:\*  
5: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/PCT\_NEW\_PUB.pep:\*  
6: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US10\_NEW\_PUB.pep:\*  
7: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US11\_NEW\_PUB.pep:\*  
8: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US60\_NEW\_PUB.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result %  
Query

No.	Score	Match	Length	DB	ID	Description
1	80	100.0	15	6	US-10-490-949-7	Sequence 7, Appli
2	51	63.7	332	6	US-10-953-349-1407	Sequence 1407, Ap
3	51	63.7	367	6	US-10-953-349-1406	Sequence 1406, Ap
4	51	63.7	456	6	US-10-953-349-1405	Sequence 1405, Ap
5	43	53.8	338	6	US-10-953-349-13711	Sequence 13711, A
6	43	53.8	367	6	US-10-953-349-9124	Sequence 9124, Ap
7	43	53.8	382	6	US-10-953-349-13710	Sequence 13710, A
8	43	53.8	396	6	US-10-953-349-9123	Sequence 9123, Ap
9	43	53.8	406	6	US-10-953-349-9122	Sequence 9122, Ap
10	43	53.8	420	6	US-10-953-349-13709	Sequence 13709, A
11	41	51.2	257	6	US-10-953-349-1056	Sequence 1056, Ap
12	41	51.2	337	6	US-10-953-349-1055	Sequence 1055, Ap
13	41	51.2	419	6	US-10-953-349-1054	Sequence 1054, Ap
14	39	48.8	256	6	US-10-953-349-16379	Sequence 16379, A
15	39	48.8	336	6	US-10-953-349-16378	Sequence 16378, A
16	39	48.8	360	6	US-10-953-349-20603	Sequence 20603, A
17	39	48.8	389	6	US-10-953-349-20602	Sequence 20602, A
18	39	48.8	390	6	US-10-953-349-20601	Sequence 20601, A
19	39	48.8	402	6	US-10-953-349-4763	Sequence 4763, Ap
20	39	48.8	411	6	US-10-953-349-4762	Sequence 4762, Ap
21	39	48.8	415	6	US-10-953-349-4761	Sequence 4761, Ap
22	39	48.8	417	6	US-10-953-349-16377	Sequence 16377, A
23	38.5	48.1	448	6	US-10-975-692-15	Sequence 15, Appl
24	38	47.5	389	7	US-11-122-986-185	Sequence 185, App
25	38	47.5	389	7	US-11-122-986-187	Sequence 187, App
26	38	47.5	407	6	US-10-953-349-2666	Sequence 2666, Ap
27	38	47.5	443	6	US-10-953-349-2665	Sequence 2665, Ap
28	37.5	46.9	630	7	US-11-293-697-3776	Sequence 3776, Ap
29	36	45.0	380	6	US-10-953-349-7175	Sequence 7175, Ap
30	36	45.0	391	6	US-10-953-349-7174	Sequence 7174, Ap
31	36	45.0	408	6	US-10-953-349-17120	Sequence 17120, A
32	36	45.0	442	6	US-10-953-349-7173	Sequence 7173, Ap
33	36	45.0	587	6	US-10-953-349-17119	Sequence 17119, A
34	36	45.0	674	6	US-10-953-349-17118	Sequence 17118, A
35	36	45.0	706	6	US-10-511-937-2450	Sequence 2450, Ap
36	35	43.8	307	6	US-10-953-349-2183	Sequence 2183, Ap
37	35	43.8	335	6	US-10-953-349-2182	Sequence 2182, Ap
38	35	43.8	343	6	US-10-953-349-2181	Sequence 2181, Ap
39	34	42.5	188	6	US-10-953-349-2975	Sequence 2975, Ap
40	34	42.5	206	6	US-10-953-349-7113	Sequence 7113, Ap
41	34	42.5	216	6	US-10-953-349-2974	Sequence 2974, Ap
42	34	42.5	244	6	US-10-953-349-7112	Sequence 7112, Ap
43	34	42.5	251	6	US-10-953-349-29525	Sequence 29525, A
44	34	42.5	255	6	US-10-953-349-7111	Sequence 7111, Ap
45	34	42.5	275	6	US-10-953-349-24596	Sequence 24596, A
46	34	42.5	298	6	US-10-953-349-24595	Sequence 24595, A
47	34	42.5	323	7	US-11-249-111-102	Sequence 102, App
48	34	42.5	345	6	US-10-511-937-2562	Sequence 2562, Ap
49	34	42.5	355	6	US-10-953-349-2973	Sequence 2973, Ap
50	34	42.5	398	6	US-10-953-349-20591	Sequence 20591, A
51	34	42.5	401	6	US-10-953-349-24594	Sequence 24594, A
52	34	42.5	415	6	US-10-953-349-20590	Sequence 20590, A
53	34	42.5	419	6	US-10-953-349-20589	Sequence 20589, A
54	34	42.5	580	6	US-10-953-349-24438	Sequence 24438, A
55	34	42.5	635	6	US-10-953-349-24437	Sequence 24437, A
56	34	42.5	636	6	US-10-953-349-24436	Sequence 24436, A
57	33	41.2	138	6	US-10-542-038-17	Sequence 17, Appl
58	33	41.2	159	6	US-10-542-038-4	Sequence 4, Appli
59	33	41.2	358	6	US-10-953-349-32194	Sequence 32194, A

# SCORE Search Results Details for Application 10001938 and Search Result us-10-001-938-7.

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OM protein - protein search, using sw model

Run on: June 2, 2006, 19:08:52 ; Search time 11.4238 Seconds  
(without alignments)  
114.932 Million cell updates/sec

Title: US-10-001-938-7  
Perfect score: 81  
Sequence: 1 YCEVPINFAMAALGG 15

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 650591 seqs, 87530628 residues

Total number of hits satisfying chosen parameters: 650591

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 1000 summaries

Database : Issued\_Patents\_AA:\*  
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3: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/7\_COMB.pep:\*  
4: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/H\_COMB.pep:\*  
5: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/PCTUS\_COMB.pep:\*  
6: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/RE\_COMB.pep:\*  
7: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/backfiles1.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	% Match	Query Length	DB ID	Description
1	81	100.0	399	2 US-09-553-498-2	Sequence 2, Appli
2	81	100.0	399	2 US-09-618-869-2	Sequence 2, Appli

3	77	95.1	380	2	US-09-543-681A-5912	Sequence 5912, Ap
4	77	95.1	380	2	US-09-489-039A-9011	Sequence 9011, Ap
5	68	84.0	381	2	US-09-252-991A-27174	Sequence 27174, A
6	59	72.8	376	3	US-10-375-010-22	Sequence 22, Appl
7	57	70.4	209	2	US-09-902-540-14118	Sequence 14118, A
8	45	55.6	288	2	US-09-107-532A-7120	Sequence 7120, Ap
9	43	53.1	244	2	US-09-134-000C-4358	Sequence 4358, Ap
10	42	51.9	375	2	US-09-328-352-4984	Sequence 4984, Ap
11	42	51.9	417	2	US-09-489-039A-7357	Sequence 7357, Ap
12	41	50.6	274	2	US-09-248-796A-20766	Sequence 20766, A
13	41	50.6	280	2	US-09-248-796A-20765	Sequence 20765, A
14	41	50.6	648	2	US-09-538-092-536	Sequence 536, App
15	39	48.1	127	2	US-09-198-452A-359	Sequence 359, App
16	39	48.1	148	2	US-09-438-185A-344	Sequence 344, App
17	39	48.1	244	2	US-09-198-452A-360	Sequence 360, App
18	39	48.1	256	2	US-09-270-767-33692	Sequence 33692, A
19	39	48.1	256	2	US-09-270-767-48909	Sequence 48909, A
20	39	48.1	324	2	US-09-902-540-12246	Sequence 12246, A
21	39	48.1	369	2	US-09-252-991A-18429	Sequence 18429, A
22	39	48.1	370	2	US-09-377-285B-16	Sequence 16, Appl
23	39	48.1	370	2	US-10-192-381-16	Sequence 16, Appl
24	39	48.1	720	2	US-09-328-352-4435	Sequence 4435, Ap
25	39	48.1	1058	1	US-08-247-904B-14	Sequence 14, Appl
26	39	48.1	1058	2	US-08-767-942A-15	Sequence 15, Appl
27	39	48.1	1058	2	US-09-826-312A-2	Sequence 2, Appli
28	39	48.1	1058	2	US-09-538-092-985	Sequence 985, App
29	39	48.1	1058	3	US-10-835-096-2	Sequence 2, Appli
30	39	48.1	1059	2	US-09-542-497A-2	Sequence 2, Appli
31	39	48.1	1059	2	US-10-108-767-2	Sequence 2, Appli
32	39	48.1	1059	2	US-10-152-156-2	Sequence 2, Appli
33	38	46.9	85	1	US-08-480-229C-7	Sequence 7, Appli
34	38	46.9	85	1	US-08-659-235C-7	Sequence 7, Appli
35	38	46.9	104	1	US-08-111-939-26	Sequence 26, Appl
36	38	46.9	108	1	US-08-162-402B-27	Sequence 27, Appl
37	38	46.9	318	2	US-09-902-540-15648	Sequence 15648, A
38	38	46.9	363	2	US-09-489-039A-13446	Sequence 13446, A
39	38	46.9	392	2	US-09-198-452A-48	Sequence 48, Appl
40	38	46.9	395	2	US-09-603-208A-28	Sequence 28, Appl
41	38	46.9	406	2	US-09-438-185A-34	Sequence 34, Appl
42	37	45.7	115	1	US-08-152-922A-7	Sequence 7, Appli
43	37	45.7	158	2	US-09-270-767-35277	Sequence 35277, A
44	37	45.7	158	2	US-09-270-767-50494	Sequence 50494, A
45	37	45.7	334	2	US-09-546-986A-8	Sequence 8, Appli
46	37	45.7	334	2	US-09-524-730-8	Sequence 8, Appli
47	37	45.7	427	2	US-09-489-039A-8493	Sequence 8493, Ap
48	37	45.7	502	2	US-09-134-000C-6611	Sequence 6611, Ap
49	37	45.7	767	2	US-09-540-236-2346	Sequence 2346, Ap
50	37	45.7	781	2	US-10-094-749-2636	Sequence 2636, Ap
51	37	45.7	861	2	US-09-949-016-11001	Sequence 11001, A
52	37	45.7	1285	1	US-07-582-945-2	Sequence 2, Appli
53	37	45.7	1285	1	US-08-453-141-2	Sequence 2, Appli
54	37	45.7	1285	2	US-08-293-314-2	Sequence 2, Appli
55	37	45.7	1602	2	US-09-269-874A-7	Sequence 7, Appli
56	37	45.7	1621	2	US-09-269-874A-5	Sequence 5, Appli
57	37	45.7	1639	2	US-09-269-874A-3	Sequence 3, Appli
58	36	44.4	183	2	US-09-252-991A-26190	Sequence 26190, A
59	36	44.4	196	2	US-09-270-767-45964	Sequence 45964, A
60	36	44.4	217	2	US-09-328-352-5479	Sequence 5479, Ap
61	36	44.4	251	2	US-09-663-600A-99	Sequence 99, Appl
62	36	44.4	251	2	US-09-663-600A-193	Sequence 193, App
63	36	44.4	358	2	US-09-134-001C-5461	Sequence 5461, Ap



# SCORE Search Results Details for Application 10001938 and Search Result us-10-001-938-7.ra

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This page gives you Search Results detail for the Application 10001938 and Search Result us-10-001-938-7.ra.

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GenCore version 5.1.9  
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OM protein - protein search, using sw model

Run on: June 2, 2006, 19:29:53 ; Search time 75.9934 Seconds  
(without alignments)  
91.432 Million cell updates/sec

Title: US-10-001-938-7  
Perfect score: 81  
Sequence: 1 YCEVPINFAMAALGG 15

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 2097797 seqs, 463214858 residues

Total number of hits satisfying chosen parameters: 2097797

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 1000 summaries

Database : Published\_Applications\_AA\_Main:\*  
1: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US07\_PUBCOMB.pep:\*  
2: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US08\_PUBCOMB.pep:\*  
3: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US09\_PUBCOMB.pep:\*  
4: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US10A\_PUBCOMB.pep:\*  
5: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US10B\_PUBCOMB.pep:\*  
6: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US11\_PUBCOMB.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	% Match	Query Length	DB ID	Description
1	81	100.0	15	4	US-10-001-938-7 Sequence 7, Appli
2	81	100.0	161	5	US-10-450-763-55085 Sequence 55085, A
3	81	100.0	340	3	US-09-764-868-1153 Sequence 1153, Ap

4	81	100.0	341	3	US-09-764-868-1152	Sequence 1152, Ap
5	81	100.0	376	4	US-10-369-493-689	Sequence 689, App
6	81	100.0	376	6	US-11-080-458-32	Sequence 32, Appl
7	75	92.6	378	4	US-10-369-493-386	Sequence 386, App
8	75	92.6	378	4	US-10-369-493-21305	Sequence 21305, A
9	68	84.0	344	5	US-10-467-657-8284	Sequence 8284, Ap
10	62	76.5	369	4	US-10-369-493-19646	Sequence 19646, A
11	60	74.1	374	4	US-10-369-493-13658	Sequence 13658, A
12	59	72.8	358	4	US-10-369-493-9641	Sequence 9641, Ap
13	59	72.8	372	4	US-10-369-493-23206	Sequence 23206, A
14	59	72.8	376	4	US-10-375-010-22	Sequence 22, Appl
15	59	72.8	376	6	US-11-232-406A-22	Sequence 22, Appl
16	59	72.8	378	4	US-10-369-493-8450	Sequence 8450, Ap
17	56	69.1	15	4	US-10-001-938-8	Sequence 8, Appli
18	56	69.1	376	4	US-10-369-493-12087	Sequence 12087, A
19	54	66.7	382	4	US-10-369-493-8065	Sequence 8065, Ap
20	52	64.2	379	4	US-10-369-493-7330	Sequence 7330, Ap
21	52	64.2	380	4	US-10-369-493-4573	Sequence 4573, Ap
22	51	63.0	370	4	US-10-369-493-17209	Sequence 17209, A
23	51	63.0	384	6	US-11-074-176-78	Sequence 78, Appl
24	50	61.7	375	4	US-10-369-493-15859	Sequence 15859, A
25	50	61.7	376	4	US-10-369-493-15487	Sequence 15487, A
26	50	61.7	384	4	US-10-369-493-21849	Sequence 21849, A
27	49	60.5	362	4	US-10-369-493-9305	Sequence 9305, Ap
28	46	56.8	377	6	US-11-045-004-1504	Sequence 1504, Ap
29	46	56.8	396	4	US-10-156-761-12020	Sequence 12020, A
30	45	55.6	376	4	US-10-369-493-1212	Sequence 1212, Ap
31	45	55.6	467	4	US-10-074-978A-247	Sequence 247, App
32	44	54.3	364	6	US-11-087-099-10854	Sequence 10854, A
33	43	53.1	152	4	US-10-767-701-51964	Sequence 51964, A
34	43	53.1	271	5	US-10-506-454-953	Sequence 953, App
35	43	53.1	331	4	US-10-369-493-18770	Sequence 18770, A
36	43	53.1	385	4	US-10-369-493-16754	Sequence 16754, A
37	42	51.9	123	3	US-09-764-877-1594	Sequence 1594, Ap
38	42	51.9	123	4	US-10-242-515-1594	Sequence 1594, Ap
39	42	51.9	196	5	US-10-450-763-57058	Sequence 57058, A
40	42	51.9	295	5	US-10-450-763-57057	Sequence 57057, A
41	42	51.9	403	5	US-10-732-923-23825	Sequence 23825, A
42	42	51.9	418	5	US-10-732-923-23808	Sequence 23808, A
43	42	51.9	418	5	US-10-732-923-23829	Sequence 23829, A
44	42	51.9	428	5	US-10-450-763-48608	Sequence 48608, A
45	41	50.6	168	4	US-10-437-963-138551	Sequence 138551,
46	41	50.6	365	4	US-10-369-493-10648	Sequence 10648, A
47	41	50.6	648	4	US-10-149-310-116	Sequence 116, App
48	41	50.6	759	4	US-10-149-310-218	Sequence 218, App
49	40	49.4	194	4	US-10-767-701-55799	Sequence 55799, A
50	40	49.4	241	6	US-11-188-298-6441	Sequence 6441, Ap
51	40	49.4	330	4	US-10-369-493-19832	Sequence 19832, A
52	40	49.4	345	4	US-10-282-122A-74172	Sequence 74172, A
53	40	49.4	345	4	US-10-474-776-387	Sequence 387, App
54	40	49.4	345	5	US-10-472-928-4098	Sequence 4098, Ap
55	40	49.4	379	4	US-10-369-493-18523	Sequence 18523, A
56	40	49.4	413	5	US-10-732-923-23809	Sequence 23809, A
57	39.5	48.8	416	6	US-11-188-298-349	Sequence 349, App
58	39.5	48.8	1902	4	US-10-437-963-139559	Sequence 139559,
59	39	48.1	110	4	US-10-425-115-265773	Sequence 265773,
60	39	48.1	127	4	US-10-289-762-359	Sequence 359, App
61	39	48.1	148	4	US-10-767-701-51826	Sequence 51826, A
62	39	48.1	166	4	US-10-424-599-181463	Sequence 181463,
63	39	48.1	170	4	US-10-425-115-265740	Sequence 265740,
64	39	48.1	205	5	US-10-450-763-53421	Sequence 53421, A

# SCORE Search Results Details for Application 10001938 and Search Result us-10-001-938-7.rapbn.

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This page gives you Search Results detail for the Application 10001938 and Search Result us-10-001-938-7.rapbn.

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GenCore version 5.1.9  
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OM protein - protein search, using sw model

Run on: June 2, 2006, 19:30:30 ; Search time 3.57616 Seconds  
(without alignments)  
48.509 Million cell updates/sec

Title: US-10-001-938-7  
Perfect score: 81  
Sequence: 1 YCEVPINFAMAALGG 15

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 58871 seqs, 11565156 residues

Total number of hits satisfying chosen parameters: 58871

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 1000 summaries

Database : Published\_Applications\_AA\_New:\*  
1: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US09\_NEW\_PUB.pep:\*  
2: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US06\_NEW\_PUB.pep:\*  
3: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US07\_NEW\_PUB.pep:\*  
4: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US08\_NEW\_PUB.pep:\*  
5: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/PCT\_NEW\_PUB.pep:\*  
6: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US10\_NEW\_PUB.pep:\*  
7: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US11\_NEW\_PUB.pep:\*  
8: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US60\_NEW\_PUB.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result %  
Query

No.	Score	Match	Length	DB	ID	Description
1	81	100.0	15	6	US-10-490-949-8	Sequence 8, Appli
2	56	69.1	15	6	US-10-490-949-9	Sequence 9, Appli
3	43	53.1	389	7	US-11-122-986-185	Sequence 185, App
4	43	53.1	389	7	US-11-122-986-187	Sequence 187, App
5	39	48.1	177	6	US-10-953-349-40074	Sequence 40074, A
6	39	48.1	1058	7	US-11-251-673-3	Sequence 3, Appli
7	39	48.1	1058	7	US-11-328-747-2	Sequence 2, Appli
8	38	46.9	264	6	US-10-953-349-31925	Sequence 31925, A
9	38	46.9	299	6	US-10-953-349-31924	Sequence 31924, A
10	38	46.9	341	6	US-10-953-349-31923	Sequence 31923, A
11	36	44.4	337	6	US-10-953-349-34607	Sequence 34607, A
12	36	44.4	381	6	US-10-953-349-34606	Sequence 34606, A
13	35	43.2	20	7	US-11-301-554-1837	Sequence 1837, Ap
14	35	43.2	20	7	US-11-301-554-1838	Sequence 1838, Ap
15	35	43.2	200	7	US-11-301-554-324	Sequence 324, App
16	35	43.2	200	7	US-11-301-554-789	Sequence 789, App
17	35	43.2	207	7	US-11-301-554-1667	Sequence 1667, Ap
18	35	43.2	207	7	US-11-301-554-1913	Sequence 1913, Ap
19	35	43.2	468	6	US-10-953-349-13528	Sequence 13528, A
20	35	43.2	516	6	US-10-953-349-5638	Sequence 5638, Ap
21	35	43.2	543	6	US-10-953-349-5637	Sequence 5637, Ap
22	35	43.2	558	6	US-10-953-349-5636	Sequence 5636, Ap
23	35	43.2	589	6	US-10-953-349-13527	Sequence 13527, A
24	35	43.2	620	6	US-10-953-349-13526	Sequence 13526, A
25	34.5	42.6	125	6	US-10-953-349-31810	Sequence 31810, A
26	34	42.0	134	6	US-10-953-349-25326	Sequence 25326, A
27	34	42.0	178	6	US-10-953-349-32321	Sequence 32321, A
28	34	42.0	188	6	US-10-953-349-32320	Sequence 32320, A
29	34	42.0	215	6	US-10-953-349-32319	Sequence 32319, A
30	34	42.0	269	6	US-10-953-349-35364	Sequence 35364, A
31	34	42.0	276	6	US-10-953-349-35363	Sequence 35363, A
32	34	42.0	279	6	US-10-953-349-35362	Sequence 35362, A
33	34	42.0	654	7	US-11-121-154-191	Sequence 191, App
34	34	42.0	677	7	US-11-293-697-4521	Sequence 4521, Ap
35	33	40.7	14	7	US-11-122-986-191	Sequence 191, App
36	33	40.7	236	6	US-10-953-349-2804	Sequence 2804, Ap
37	33	40.7	241	6	US-10-953-349-23181	Sequence 23181, A
38	33	40.7	247	6	US-10-953-349-23180	Sequence 23180, A
39	33	40.7	337	6	US-10-953-349-13157	Sequence 13157, A
40	33	40.7	387	6	US-10-953-349-13156	Sequence 13156, A
41	33	40.7	396	7	US-11-293-697-4386	Sequence 4386, Ap
42	33	40.7	423	6	US-10-953-349-2803	Sequence 2803, Ap
43	33	40.7	425	6	US-10-953-349-15552	Sequence 15552, A
44	33	40.7	429	6	US-10-953-349-2802	Sequence 2802, Ap
45	33	40.7	443	6	US-10-953-349-17462	Sequence 17462, A
46	33	40.7	485	6	US-10-953-349-13155	Sequence 13155, A
47	33	40.7	547	7	US-11-293-697-2751	Sequence 2751, Ap
48	33	40.7	589	7	US-11-311-778-6	Sequence 6, Appli
49	33	40.7	640	7	US-11-311-778-4	Sequence 4, Appli
50	33	40.7	800	7	US-11-293-697-2490	Sequence 2490, Ap
51	33	40.7	1178	7	US-11-311-778-10	Sequence 10, Appl
52	33	40.7	1178	7	US-11-311-778-12	Sequence 12, Appl
53	33	40.7	1178	7	US-11-311-778-14	Sequence 14, Appl
54	32	39.5	252	6	US-10-953-349-8893	Sequence 8893, Ap
55	32	39.5	253	6	US-10-953-349-8892	Sequence 8892, Ap
56	32	39.5	294	6	US-10-953-349-23218	Sequence 23218, A
57	32	39.5	302	6	US-10-953-349-8891	Sequence 8891, Ap
58	32	39.5	312	6	US-10-953-349-23217	Sequence 23217, A
59	32	39.5	316	6	US-10-953-349-23216	Sequence 23216, A

# SCORE Search Results Details for Application 10001938 and Search Result us-10-001-938-8

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This page gives you Search Results detail for the Application 10001938 and Search Result us-10-001-938-8.rai.

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OM protein - protein search, using sw model

Run on: June 2, 2006, 19:12:07 ; Search time 12.7 Seconds  
(without alignments)  
103.383 Million cell updates/sec

Title: US-10-001-938-8  
Perfect score: 74  
Sequence: 1 PINFAMAALGGEIEV 15

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 650591 seqs, 87530628 residues

Total number of hits satisfying chosen parameters: 650591

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 1000 summaries

Database : Issued\_Patents\_AA:\*  
1: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/5\_COMB.pep:\*  
2: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/6\_COMB.pep:\*  
3: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/7\_COMB.pep:\*  
4: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/H\_COMB.pep:\*  
5: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/PCTUS\_COMB.pep:\*  
6: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/RE\_COMB.pep:\*  
7: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/backfiles1.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	% Match	Query Length	DB	ID	Description
1	74	100.0	399	2	US-09-553-498-2	Sequence 2, Appli
2	74	100.0	399	2	US-09-618-869-2	Sequence 2, Appli



3	70	94.6	380	2	US-09-543-681A-5912	Sequence 5912, Ap
4	70	94.6	380	2	US-09-489-039A-9011	Sequence 9011, Ap
5	60	81.1	376	3	US-10-375-010-22	Sequence 22, Appl
6	59	79.7	381	2	US-09-252-991A-27174	Sequence 27174, A
7	47	63.5	209	2	US-09-902-540-14118	Sequence 14118, A
8	47	63.5	288	2	US-09-107-532A-7120	Sequence 7120, Ap
9	45	60.8	244	2	US-09-134-000C-4358	Sequence 4358, Ap
10	45	60.8	375	2	US-09-328-352-4984	Sequence 4984, Ap
11	44	59.5	407	2	US-09-540-236-2899	Sequence 2899, Ap
12	42	56.8	373	2	US-09-710-279-890	Sequence 890, App
13	42	56.8	385	2	US-09-134-001C-3688	Sequence 3688, Ap
14	42	56.8	395	2	US-09-603-208A-28	Sequence 28, Appl
15	41	55.4	274	2	US-09-248-796A-20766	Sequence 20766, A
16	41	55.4	280	2	US-09-248-796A-20765	Sequence 20765, A
17	40	54.1	253	2	US-08-975-762-52	Sequence 52, Appl
18	40	54.1	253	2	US-09-295-028-52	Sequence 52, Appl
19	40	54.1	253	2	US-09-106-582-52	Sequence 52, Appl
20	40	54.1	253	2	US-09-159-469-52	Sequence 52, Appl
21	40	54.1	253	2	US-09-693-542-52	Sequence 52, Appl
22	40	54.1	326	2	US-09-066-046-29	Sequence 29, Appl
23	40	54.1	326	2	US-09-066-047-15	Sequence 15, Appl
24	40	54.1	425	2	US-09-288-339-4	Sequence 4, Appli
25	40	54.1	435	2	US-09-066-046-27	Sequence 27, Appl
26	40	54.1	435	2	US-09-066-047-13	Sequence 13, Appl
27	39.5	53.4	538	2	US-09-107-532A-5563	Sequence 5563, Ap
28	39	52.7	324	2	US-09-902-540-12246	Sequence 12246, A
29	38	51.4	352	1	US-08-472-534-6	Sequence 6, Appli
30	38	51.4	378	2	US-09-583-110-4647	Sequence 4647, Ap
31	38	51.4	379	2	US-09-107-433-3487	Sequence 3487, Ap
32	38	51.4	532	2	US-09-252-991A-21005	Sequence 21005, A
33	37	50.0	34	1	US-08-118-270-190	Sequence 190, App
34	37	50.0	34	5	PCT-US93-08528-190	Sequence 190, App
35	37	50.0	127	2	US-09-198-452A-359	Sequence 359, App
36	37	50.0	148	2	US-09-438-185A-344	Sequence 344, App
37	37	50.0	244	2	US-09-198-452A-360	Sequence 360, App
38	37	50.0	321	2	US-09-498-520A-18	Sequence 18, Appl
39	37	50.0	394	2	US-09-252-991A-22328	Sequence 22328, A
40	37	50.0	413	1	US-08-282-197C-49	Sequence 49, Appl
41	37	50.0	1319	2	US-09-538-092-1291	Sequence 1291, Ap
42	37	50.0	1343	2	US-09-949-016-10641	Sequence 10641, A
43	36	48.6	35	1	US-08-118-270-191	Sequence 191, App
44	36	48.6	35	5	PCT-US93-08528-191	Sequence 191, App
45	36	48.6	82	2	US-09-144-776B-18	Sequence 18, Appl
46	36	48.6	82	2	US-08-882-431B-18	Sequence 18, Appl
47	36	48.6	121	2	US-09-252-991A-19703	Sequence 19703, A
48	36	48.6	199	2	US-10-360-101-216	Sequence 216, App
49	36	48.6	228	2	US-08-896-933-25	Sequence 25, Appl
50	36	48.6	228	2	US-09-314-235-25	Sequence 25, Appl
51	36	48.6	228	2	US-09-708-008B-25	Sequence 25, Appl
52	36	48.6	251	2	US-09-663-600A-99	Sequence 99, Appl
53	36	48.6	251	2	US-09-663-600A-193	Sequence 193, App
54	36	48.6	315	2	US-09-603-208A-212	Sequence 212, App
55	36	48.6	327	2	US-09-252-991A-28744	Sequence 28744, A
56	36	48.6	361	2	US-09-583-110-2683	Sequence 2683, Ap
57	36	48.6	363	2	US-09-107-433-3946	Sequence 3946, Ap
58	36	48.6	369	2	US-09-252-991A-18429	Sequence 18429, A
59	36	48.6	432	2	US-09-118-319-2	Sequence 2, Appli
60	36	48.6	464	2	US-09-252-991A-20795	Sequence 20795, A
61	36	48.6	473	2	US-09-252-991A-23441	Sequence 23441, A
62	36	48.6	483	2	US-09-603-208A-210	Sequence 210, App
63	36	48.6	657	2	US-09-252-991A-23156	Sequence 23156, A

# SCORE Search Results Details for Application 10001938 and Search Result us-10-001-938-8.ra

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This page gives you Search Results detail for the Application 10001938 and Search Result us-10-001-938-8.ra.

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GenCore version 5.1.9  
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OM protein - protein search, using sw model

Run on: June 2, 2006, 19:45:16 ; Search time 63.4 Seconds  
(without alignments)  
109.593 Million cell updates/sec

Title: US-10-001-938-8  
Perfect score: 74  
Sequence: 1 PINFAMAALGGEIEV 15

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 2097797 seqs, 463214858 residues

Total number of hits satisfying chosen parameters: 2097797

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 1000 summaries

Database : Published\_Applications\_AA\_Main:\*  
1: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US07\_PUBCOMB.pep:\*  
2: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US08\_PUBCOMB.pep:\*  
3: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US09\_PUBCOMB.pep:\*  
4: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US10A\_PUBCOMB.pep:\*  
5: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US10B\_PUBCOMB.pep:\*  
6: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US11\_PUBCOMB.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	% Match	Query Length	DB ID	Description
1	74	100.0	15	4	US-10-001-938-8 Sequence 8, Appli
2	74	100.0	161	5	US-10-450-763-55085 Sequence 55085, A
3	74	100.0	340	3	US-09-764-868-1153 Sequence 1153, Ap

4	74	100.0	341	3	US-09-764-868-1152	Sequence 1152, Ap
5	74	100.0	376	4	US-10-369-493-689	Sequence 689, App
6	74	100.0	376	6	US-11-080-458-32	Sequence 32, Appl
7	68	91.9	378	4	US-10-369-493-386	Sequence 386, App
8	68	91.9	378	4	US-10-369-493-21305	Sequence 21305, A
9	67	90.5	344	5	US-10-467-657-8284	Sequence 8284, Ap
10	61	82.4	369	4	US-10-369-493-19646	Sequence 19646, A
11	60	81.1	376	4	US-10-375-010-22	Sequence 22, Appl
12	60	81.1	376	6	US-11-232-406A-22	Sequence 22, Appl
13	60	81.1	378	4	US-10-369-493-8450	Sequence 8450, Ap
14	58	78.4	365	4	US-10-369-493-10648	Sequence 10648, A
15	56	75.7	15	4	US-10-001-938-7	Sequence 7, Appli
16	56	75.7	379	4	US-10-369-493-7330	Sequence 7330, Ap
17	56	75.7	380	4	US-10-369-493-4573	Sequence 4573, Ap
18	55	74.3	382	4	US-10-369-493-8065	Sequence 8065, Ap
19	55	74.3	396	4	US-10-156-761-12020	Sequence 12020, A
20	54	73.0	374	4	US-10-369-493-13658	Sequence 13658, A
21	53	71.6	372	4	US-10-369-493-23206	Sequence 23206, A
22	51	68.9	384	4	US-10-369-493-21849	Sequence 21849, A
23	50	67.6	379	4	US-10-369-493-18523	Sequence 18523, A
24	49	66.2	365	4	US-10-369-493-18240	Sequence 18240, A
25	48	64.9	358	4	US-10-369-493-9641	Sequence 9641, Ap
26	47	63.5	384	6	US-11-074-176-78	Sequence 78, Appl
27	47	63.5	420	4	US-10-369-493-591	Sequence 591, App
28	46	62.2	370	4	US-10-369-493-17209	Sequence 17209, A
29	46	62.2	376	4	US-10-369-493-1212	Sequence 1212, Ap
30	45	60.8	377	6	US-11-045-004-1504	Sequence 1504, Ap
31	44	59.5	354	4	US-10-369-493-11087	Sequence 11087, A
32	44	59.5	376	4	US-10-369-493-12087	Sequence 12087, A
33	43.5	58.8	271	5	US-10-506-454-953	Sequence 953, App
34	43	58.1	256	4	US-10-424-599-248436	Sequence 248436,
35	43	58.1	274	4	US-10-425-115-253738	Sequence 253738,
36	43	58.1	1316	4	US-10-437-963-143011	Sequence 143011,
37	42	56.8	114	4	US-10-437-963-113572	Sequence 113572,
38	42	56.8	118	4	US-10-424-599-195865	Sequence 195865,
39	42	56.8	365	4	US-10-369-493-13503	Sequence 13503, A
40	42	56.8	373	5	US-10-793-626-890	Sequence 890, App
41	42	56.8	385	4	US-10-369-493-16754	Sequence 16754, A
42	42	56.8	395	3	US-09-738-626-6574	Sequence 6574, Ap
43	42	56.8	395	5	US-10-703-799B-28	Sequence 28, Appl
44	42	56.8	665	6	US-11-097-143-19728	Sequence 19728, A
45	41	55.4	398	6	US-11-098-686-11398	Sequence 11398, A
46	40	54.1	177	4	US-10-425-114-39492	Sequence 39492, A
47	40	54.1	253	3	US-09-159-469-52	Sequence 52, Appl
48	40	54.1	253	3	US-09-798-042-52	Sequence 52, Appl
49	40	54.1	253	3	US-09-953-108-52	Sequence 52, Appl
50	40	54.1	330	5	US-10-732-923-13089	Sequence 13089, A
51	40	54.1	424	4	US-10-437-963-192231	Sequence 192231,
52	40	54.1	425	4	US-10-223-598-4	Sequence 4, Appli
53	40	54.1	587	4	US-10-425-114-73019	Sequence 73019, A
54	40	54.1	724	4	US-10-437-963-121905	Sequence 121905,
55	39.5	53.4	519	4	US-10-282-122A-57987	Sequence 57987, A
56	39	52.7	163	4	US-10-437-963-196051	Sequence 196051,
57	39	52.7	385	5	US-10-501-282-4398	Sequence 4398, Ap
58	39	52.7	395	6	US-11-079-463-9803	Sequence 9803, Ap
59	39	52.7	471	4	US-10-369-493-5554	Sequence 5554, Ap
60	39	52.7	471	4	US-10-369-493-5555	Sequence 5555, Ap
61	38	51.4	142	4	US-10-767-701-39309	Sequence 39309, A
62	38	51.4	208	4	US-10-425-114-67304	Sequence 67304, A
63	38	51.4	238	4	US-10-156-761-9379	Sequence 9379, Ap
64	38	51.4	239	4	US-10-425-115-270985	Sequence 270985,

# SCORE Search Results Details for Application 10001938 and Search Result us-10-001-938-8.rapbn.

<a href="#">Score Home Page</a>	<a href="#">Retrieve Application List</a>	<a href="#">SCORE System Overview</a>	<a href="#">SCORE FAQ</a>	<a href="#">Comments / Suggestions</a>
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This page gives you Search Results detail for the Application 10001938 and Search Result us-10-001-938-8.rapbn.

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OM protein - protein search, using sw model

Run on: June 2, 2006, 19:44:08 ; Search time 3.1 Seconds  
(without alignments)  
55.960 Million cell updates/sec

Title: US-10-001-938-8  
Perfect score: 74  
Sequence: 1 PINFAMAALGGEIEV 15

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 58871 seqs, 11565156 residues

Total number of hits satisfying chosen parameters: 58871

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 1000 summaries

Database : Published\_Applications\_AA\_New:\*  
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5: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/PCT\_NEW\_PUB.pep:\*  
6: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US10\_NEW\_PUB.pep:\*  
7: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US11\_NEW\_PUB.pep:\*  
8: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US60\_NEW\_PUB.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result	% Query
--------	------------

No.	Score	Match	Length	DB	ID	Description
1	74	100.0	15	6	US-10-490-949-9	Sequence 9, Appli
2	56	75.7	15	6	US-10-490-949-8	Sequence 8, Appli
3	45	60.8	389	7	US-11-122-986-185	Sequence 185, App
4	45	60.8	389	7	US-11-122-986-187	Sequence 187, App
5	37	50.0	467	6	US-10-953-349-32451	Sequence 32451, A
6	37	50.0	519	6	US-10-953-349-32450	Sequence 32450, A
7	37	50.0	521	6	US-10-953-349-32449	Sequence 32449, A
8	36	48.6	201	6	US-10-953-349-34141	Sequence 34141, A
9	36	48.6	207	6	US-10-953-349-34140	Sequence 34140, A
10	36	48.6	260	6	US-10-953-349-34139	Sequence 34139, A
11	35	47.3	368	6	US-10-953-349-7589	Sequence 7589, Ap
12	35	47.3	391	6	US-10-953-349-7588	Sequence 7588, Ap
13	35	47.3	438	6	US-10-953-349-7587	Sequence 7587, Ap
14	35	47.3	516	6	US-10-953-349-5638	Sequence 5638, Ap
15	35	47.3	543	6	US-10-953-349-5637	Sequence 5637, Ap
16	35	47.3	558	6	US-10-953-349-5636	Sequence 5636, Ap
17	34.5	46.6	312	7	US-11-140-450-81	Sequence 81, Appl
18	34	45.9	112	6	US-10-953-349-7574	Sequence 7574, Ap
19	34	45.9	249	6	US-10-953-349-14125	Sequence 14125, A
20	34	45.9	266	6	US-10-953-349-14124	Sequence 14124, A
21	34	45.9	382	6	US-10-953-349-14123	Sequence 14123, A
22	34	45.9	396	7	US-11-293-697-4386	Sequence 4386, Ap
23	34	45.9	677	7	US-11-293-697-4521	Sequence 4521, Ap
24	34	45.9	1049	7	US-11-251-340-23	Sequence 23, Appl
25	34	45.9	1058	7	US-11-251-673-3	Sequence 3, Appli
26	34	45.9	1058	7	US-11-328-747-2	Sequence 2, Appli
27	33	44.6	193	7	US-11-301-951-2	Sequence 2, Appli
28	33	44.6	193	7	US-11-301-951-4	Sequence 4, Appli
29	33	44.6	193	7	US-11-301-951-6	Sequence 6, Appli
30	33	44.6	193	7	US-11-301-951-8	Sequence 8, Appli
31	33	44.6	217	6	US-10-953-349-18535	Sequence 18535, A
32	33	44.6	283	6	US-10-953-349-18534	Sequence 18534, A
33	33	44.6	307	6	US-10-953-349-18533	Sequence 18533, A
34	33	44.6	335	6	US-10-953-349-13374	Sequence 13374, A
35	33	44.6	339	6	US-10-953-349-13373	Sequence 13373, A
36	33	44.6	348	6	US-10-953-349-13372	Sequence 13372, A
37	33	44.6	425	6	US-10-953-349-15552	Sequence 15552, A
38	33	44.6	544	6	US-10-953-349-28426	Sequence 28426, A
39	33	44.6	788	7	US-11-121-154-47	Sequence 47, Appl
40	33	44.6	1912	6	US-10-511-937-2561	Sequence 2561, Ap
41	32.5	43.9	654	7	US-11-121-154-191	Sequence 191, App
42	32	43.2	122	6	US-10-953-349-5458	Sequence 5458, Ap
43	32	43.2	161	6	US-10-953-349-33744	Sequence 33744, A
44	32	43.2	174	6	US-10-953-349-5457	Sequence 5457, Ap
45	32	43.2	174	6	US-10-953-349-39794	Sequence 39794, A
46	32	43.2	278	6	US-10-953-349-30456	Sequence 30456, A
47	32	43.2	302	7	US-11-293-697-2615	Sequence 2615, Ap
48	32	43.2	350	6	US-10-522-043-8	Sequence 8, Appli
49	32	43.2	862	6	US-10-199-229-14	Sequence 14, Appl
50	32	43.2	875	6	US-10-199-229-10	Sequence 10, Appl
51	32	43.2	951	6	US-10-199-229-9	Sequence 9, Appli
52	32	43.2	951	6	US-10-199-229-13	Sequence 13, Appl
53	32	43.2	3113	6	US-10-505-928-325	Sequence 325, App
54	31.5	42.6	109	7	US-11-293-697-2786	Sequence 2786, Ap
55	31	41.9	172	6	US-10-953-349-37272	Sequence 37272, A
56	31	41.9	178	6	US-10-953-349-29145	Sequence 29145, A
57	31	41.9	182	6	US-10-953-349-1326	Sequence 1326, Ap
58	31	41.9	189	6	US-10-953-349-25147	Sequence 25147, A
59	31	41.9	206	6	US-10-953-349-1325	Sequence 1325, Ap



# SCORE Search Results Details for Application 10001938 and Search Result us-10-001-938-9.

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This page gives you Search Results detail for the Application 10001938 and Search Result us-10-001-938-9.

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OM protein - protein search, using sw model

Run on: June 2, 2006, 19:37:25 ; Search time 14.6053 Seconds  
(without alignments)  
89.896 Million cell updates/sec

Title: US-10-001-938-9  
Perfect score: 73  
Sequence: 1 ASYYEILDVPRSASA 15

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 650591 seqs, 87530628 residues

Total number of hits satisfying chosen parameters: 650591

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 1000 summaries

Database : Issued\_Patents\_AA:\*  
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3: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/7\_COMB.pep:\*  
4: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/H\_COMB.pep:\*  
5: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/PCTUS\_COMB.pep:\*  
6: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/RE\_COMB.pep:\*  
7: /EMC\_Celerra\_SIDS3/ptodata/2/iaa/backfiles1.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	% Match	Query Length	DB ID	Description	
1	73	100.0	277	1	US-08-868-288A-7	Sequence 7, Appli
2	73	100.0	277	2	US-09-235-373-7	Sequence 7, Appli

3	73	100.0	277	2	US-09-388-993-7	Sequence 7, Appli
4	73	100.0	277	2	US-09-501-714-7	Sequence 7, Appli
5	73	100.0	327	2	US-09-949-016-11262	Sequence 11262, A
6	73	100.0	351	1	US-08-868-288A-6	Sequence 6, Appli
7	73	100.0	351	2	US-09-235-373-6	Sequence 6, Appli
8	73	100.0	351	2	US-09-388-993-6	Sequence 6, Appli
9	73	100.0	351	2	US-09-501-714-6	Sequence 6, Appli
10	52	71.2	96	2	US-09-621-976-4045	Sequence 4045, Ap
11	52	71.2	223	2	US-09-658-644-4	Sequence 4, Appli
12	52	71.2	223	2	US-09-949-016-6832	Sequence 6832, Ap
13	52	71.2	267	2	US-09-949-016-11497	Sequence 11497, A
14	51	69.9	419	1	US-08-686-417-3	Sequence 3, Appli
15	48	65.8	286	2	US-09-248-796A-16992	Sequence 16992, A
16	48	65.8	387	2	US-09-908-992B-11	Sequence 11, Appl
17	48	65.8	414	2	US-09-908-992B-10	Sequence 10, Appl
18	48	65.8	452	2	US-09-908-992B-29	Sequence 29, Appl
19	48	65.8	453	2	US-09-908-992B-9	Sequence 9, Appli
20	48	65.8	453	2	US-09-908-992B-30	Sequence 30, Appl
21	48	65.8	479	2	US-09-908-992B-28	Sequence 28, Appl
22	48	65.8	480	2	US-09-908-992B-8	Sequence 8, Appli
23	48	65.8	480	2	US-09-908-992B-12	Sequence 12, Appl
24	46	63.0	358	1	US-08-868-288A-1	Sequence 1, Appli
25	46	63.0	358	2	US-09-235-373-1	Sequence 1, Appli
26	46	63.0	358	2	US-09-388-993-1	Sequence 1, Appli
27	46	63.0	358	2	US-09-991-181-148	Sequence 148, App
28	46	63.0	358	2	US-09-501-714-1	Sequence 1, Appli
29	46	63.0	358	2	US-09-990-444-148	Sequence 148, App
30	46	63.0	358	2	US-09-997-333-148	Sequence 148, App
31	46	63.0	358	2	US-09-992-598-148	Sequence 148, App
32	46	63.0	358	2	US-09-989-735-148	Sequence 148, App
33	46	63.0	358	3	US-09-989-726-148	Sequence 148, App
34	46	63.0	358	3	US-09-997-514-148	Sequence 148, App
35	46	63.0	358	3	US-09-989-728-148	Sequence 148, App
36	46	63.0	358	3	US-09-997-349-148	Sequence 148, App
37	46	63.0	358	3	US-09-997-653-148	Sequence 148, App
38	46	63.0	358	3	US-09-989-293A-148	Sequence 148, App
39	44	60.3	311	2	US-09-248-796A-16958	Sequence 16958, A
40	43	58.9	147	2	US-09-513-999C-6925	Sequence 6925, Ap
41	42	57.5	138	2	US-09-902-540-13689	Sequence 13689, A
42	42	57.5	276	2	US-09-270-767-43364	Sequence 43364, A
43	42	57.5	391	2	US-09-902-540-11110	Sequence 11110, A
44	41	56.2	254	2	US-09-859-822-2	Sequence 2, Appli
45	41	56.2	373	2	US-09-710-279-890	Sequence 890, App
46	41	56.2	385	2	US-09-134-001C-3688	Sequence 3688, Ap
47	41	56.2	514	2	US-09-252-991A-18326	Sequence 18326, A
48	40	54.8	95	2	US-09-248-796A-19797	Sequence 19797, A
49	40	54.8	145	2	US-09-427-700-9	Sequence 9, Appli
50	40	54.8	146	1	US-07-989-363-2	Sequence 2, Appli
51	40	54.8	146	1	US-08-264-526-2	Sequence 2, Appli
52	40	54.8	320	2	US-09-328-352-7937	Sequence 7937, Ap
53	40	54.8	330	1	US-08-868-288A-3	Sequence 3, Appli
54	40	54.8	330	2	US-09-235-373-3	Sequence 3, Appli
55	40	54.8	330	2	US-09-388-993-3	Sequence 3, Appli
56	40	54.8	330	2	US-09-501-714-3	Sequence 3, Appli
57	40	54.8	376	3	US-10-375-010-22	Sequence 22, Appl
58	40	54.8	422	1	US-08-152-483B-3	Sequence 3, Appli
59	40	54.8	426	1	US-08-152-483B-7	Sequence 7, Appli
60	40	54.8	478	1	US-08-152-483B-9	Sequence 9, Appli
61	40	54.8	497	2	US-09-328-352-7286	Sequence 7286, Ap
62	40	54.8	503	2	US-09-562-737-68	Sequence 68, Appl
63	39	53.4	43	2	US-09-209-676-77	Sequence 77, Appl



1	73	100.0	15	4	US-10-001-938-9	Sequence 9, Appli
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3	52	71.2	223	4	US-10-140-808-30	Sequence 30, Appl
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5	52	71.2	223	4	US-10-123-904-30	Sequence 30, Appl
6	52	71.2	223	4	US-10-140-470-30	Sequence 30, Appl
7	52	71.2	223	4	US-10-175-746-30	Sequence 30, Appl
8	52	71.2	223	4	US-10-176-918-30	Sequence 30, Appl
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10	52	71.2	223	4	US-10-137-865-30	Sequence 30, Appl
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12	52	71.2	223	4	US-10-142-431-30	Sequence 30, Appl
13	52	71.2	223	4	US-10-143-114-30	Sequence 30, Appl
14	52	71.2	223	4	US-10-142-419-30	Sequence 30, Appl
15	52	71.2	223	4	US-10-123-262-30	Sequence 30, Appl
16	52	71.2	223	4	US-10-142-423-30	Sequence 30, Appl
17	52	71.2	223	4	US-10-121-050-30	Sequence 30, Appl
18	52	71.2	223	4	US-10-141-755-30	Sequence 30, Appl
19	52	71.2	223	4	US-10-143-032-30	Sequence 30, Appl
20	52	71.2	223	4	US-10-123-108-30	Sequence 30, Appl
21	52	71.2	223	4	US-10-123-236-30	Sequence 30, Appl
22	52	71.2	223	4	US-10-123-261-30	Sequence 30, Appl
23	52	71.2	223	4	US-10-140-921-30	Sequence 30, Appl
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25	52	71.2	223	4	US-10-121-045-30	Sequence 30, Appl
26	52	71.2	223	4	US-10-123-292-30	Sequence 30, Appl
27	52	71.2	223	4	US-10-123-903-30	Sequence 30, Appl
28	52	71.2	223	4	US-10-124-819-30	Sequence 30, Appl
29	52	71.2	223	4	US-10-124-822-30	Sequence 30, Appl
30	52	71.2	223	4	US-10-140-925-30	Sequence 30, Appl
31	52	71.2	223	4	US-10-160-498-30	Sequence 30, Appl
32	52	71.2	223	4	US-10-124-824-30	Sequence 30, Appl
33	52	71.2	223	4	US-10-127-825A-30	Sequence 30, Appl
34	52	71.2	223	4	US-10-127-829A-30	Sequence 30, Appl
35	52	71.2	223	4	US-10-127-835A-30	Sequence 30, Appl
36	52	71.2	223	4	US-10-127-839A-30	Sequence 30, Appl
37	52	71.2	223	4	US-10-127-901A-30	Sequence 30, Appl
38	52	71.2	223	4	US-10-128-693A-30	Sequence 30, Appl
39	52	71.2	223	4	US-10-131-813A-30	Sequence 30, Appl
40	52	71.2	223	4	US-10-131-818A-30	Sequence 30, Appl
41	52	71.2	223	4	US-10-131-823A-30	Sequence 30, Appl
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43	52	71.2	223	4	US-10-131-830A-30	Sequence 30, Appl
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45	52	71.2	223	4	US-10-137-872A-30	Sequence 30, Appl
46	52	71.2	223	4	US-10-147-500-30	Sequence 30, Appl
47	52	71.2	223	4	US-10-147-502-30	Sequence 30, Appl
48	52	71.2	223	4	US-10-147-515-30	Sequence 30, Appl
49	52	71.2	223	4	US-10-147-517-30	Sequence 30, Appl
50	52	71.2	223	4	US-10-147-526-30	Sequence 30, Appl
51	52	71.2	223	4	US-10-147-527-30	Sequence 30, Appl
52	52	71.2	223	4	US-10-121-041-30	Sequence 30, Appl
53	52	71.2	223	4	US-10-121-043-30	Sequence 30, Appl
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55	52	71.2	223	4	US-10-123-215-30	Sequence 30, Appl
56	52	71.2	223	4	US-10-123-902-30	Sequence 30, Appl
57	52	71.2	223	4	US-10-123-908-30	Sequence 30, Appl
58	52	71.2	223	4	US-10-123-909-30	Sequence 30, Appl
59	52	71.2	223	4	US-10-123-910-30	Sequence 30, Appl
60	52	71.2	223	4	US-10-124-813-30	Sequence 30, Appl
61	52	71.2	223	4	US-10-124-817-30	Sequence 30, Appl

# SCORE Search Results Details for Application 10001938 and Search Result us-10-001-938-9.rapbn.

<a href="#">Score Home Page</a>	<a href="#">Retrieve Application List</a>	<a href="#">SCORE System Overview</a>	<a href="#">SCORE FAQ</a>	<a href="#">Comments / Suggestions</a>
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This page gives you Search Results detail for the Application 10001938 and Search Result us-10-001-938-9.rapbn.

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OM protein - protein search, using sw model

Run on: June 2, 2006, 19:45:07 ; Search time 3.55263 Seconds  
(without alignments)  
48.831 Million cell updates/sec

Title: US-10-001-938-9  
Perfect score: 73  
Sequence: 1 ASYYEILDVPRSASA 15

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 58871 seqs, 11565156 residues

Total number of hits satisfying chosen parameters: 58871

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 1000 summaries

Database : Published\_Applications\_AA\_New:\*  
1: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US09\_NEW\_PUB.pep:\*  
2: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US06\_NEW\_PUB.pep:\*  
3: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US07\_NEW\_PUB.pep:\*  
4: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US08\_NEW\_PUB.pep:\*  
5: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/PCT\_NEW\_PUB.pep:\*  
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result	% Query
--------	---------



No.	Score	Match	Length	DB	ID	Description
1	73	100.0	15	6	US-10-490-949-18	Sequence 18, Appl
2	51	69.9	161	6	US-10-953-349-37092	Sequence 37092, A
3	51	69.9	190	6	US-10-953-349-37091	Sequence 37091, A
4	41	56.2	419	6	US-10-953-349-1054	Sequence 1054, Ap
5	40	54.8	417	6	US-10-953-349-16377	Sequence 16377, A
6	39	53.4	160	6	US-10-953-349-6860	Sequence 6860, Ap
7	38	52.1	420	6	US-10-953-349-13709	Sequence 13709, A
8	37	50.7	138	6	US-10-953-349-20728	Sequence 20728, A
9	37	50.7	158	6	US-10-953-349-20727	Sequence 20727, A
10	37	50.7	159	6	US-10-953-349-20726	Sequence 20726, A
11	37	50.7	335	6	US-10-953-349-2182	Sequence 2182, Ap
12	37	50.7	336	6	US-10-953-349-33810	Sequence 33810, A
13	37	50.7	343	6	US-10-953-349-2181	Sequence 2181, Ap
14	37	50.7	429	7	US-11-293-697-4865	Sequence 4865, Ap
15	37	50.7	430	6	US-10-953-349-33809	Sequence 33809, A
16	36	49.3	15	6	US-10-490-949-2	Sequence 2, Appli
17	36	49.3	95	6	US-10-953-349-31080	Sequence 31080, A
18	36	49.3	156	6	US-10-953-349-5018	Sequence 5018, Ap
19	36	49.3	230	6	US-10-953-349-18065	Sequence 18065, A
20	36	49.3	230	6	US-10-953-349-18284	Sequence 18284, A
21	36	49.3	234	6	US-10-953-349-18064	Sequence 18064, A
22	36	49.3	234	6	US-10-953-349-18283	Sequence 18283, A
23	36	49.3	259	6	US-10-953-349-18063	Sequence 18063, A
24	36	49.3	259	6	US-10-953-349-18282	Sequence 18282, A
25	36	49.3	397	7	US-11-293-697-3837	Sequence 3837, Ap
26	36	49.3	426	7	US-11-293-697-4751	Sequence 4751, Ap
27	35	47.9	339	6	US-10-953-349-12422	Sequence 12422, A
28	35	47.9	379	6	US-10-953-349-11645	Sequence 11645, A
29	35	47.9	380	6	US-10-953-349-7175	Sequence 7175, Ap
30	35	47.9	380	7	US-11-252-080-10	Sequence 10, Appl
31	35	47.9	389	7	US-11-122-986-185	Sequence 185, App
32	35	47.9	389	7	US-11-122-986-187	Sequence 187, App
33	35	47.9	391	6	US-10-953-349-7174	Sequence 7174, Ap
34	35	47.9	442	6	US-10-953-349-7173	Sequence 7173, Ap
35	35	47.9	458	7	US-11-293-697-3646	Sequence 3646, Ap
36	35	47.9	504	6	US-10-511-937-2547	Sequence 2547, Ap
37	34	46.6	153	6	US-10-953-349-36584	Sequence 36584, A
38	34	46.6	167	6	US-10-953-349-34156	Sequence 34156, A
39	34	46.6	167	6	US-10-953-349-39090	Sequence 39090, A
40	34	46.6	179	6	US-10-953-349-36583	Sequence 36583, A
41	34	46.6	233	6	US-10-953-349-9315	Sequence 9315, Ap
42	34	46.6	233	6	US-10-953-349-12246	Sequence 12246, A
43	34	46.6	233	6	US-10-953-349-21982	Sequence 21982, A
44	34	46.6	234	6	US-10-953-349-6532	Sequence 6532, Ap
45	34	46.6	235	6	US-10-953-349-30723	Sequence 30723, A
46	34	46.6	237	6	US-10-953-349-39891	Sequence 39891, A
47	34	46.6	238	6	US-10-953-349-335	Sequence 335, App
48	34	46.6	238	6	US-10-953-349-6531	Sequence 6531, Ap
49	34	46.6	242	6	US-10-953-349-334	Sequence 334, App
50	34	46.6	246	6	US-10-953-349-9314	Sequence 9314, Ap
51	34	46.6	246	6	US-10-953-349-12245	Sequence 12245, A
52	34	46.6	246	6	US-10-953-349-21981	Sequence 21981, A
53	34	46.6	248	6	US-10-953-349-30722	Sequence 30722, A
54	34	46.6	250	6	US-10-953-349-39890	Sequence 39890, A
55	34	46.6	253	6	US-10-953-349-5910	Sequence 5910, Ap
56	34	46.6	255	6	US-10-953-349-9313	Sequence 9313, Ap
57	34	46.6	257	6	US-10-953-349-12244	Sequence 12244, A
58	34	46.6	259	6	US-10-953-349-21980	Sequence 21980, A
59	34	46.6	260	6	US-10-953-349-39889	Sequence 39889, A